



Patent Register

Version 05102020

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| Bejo | WO2017097345 | Change in US publication nr. | 5 |
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| | WO2020169178A1 | New patent | 19 |
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| | WO2018011075 | US publication nr. added | 34 |
| | WO2018060444 | EP + US publication nrs. added | 34 |
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| | WO2019034364 | EP publication nr. added | 35 |
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| | WO2020074237 | New patent | 36 |
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| Takii | WO2015108185 | Additional EP publication nr. | 71 |
| | WO2017081876 | Change in US publication nr. | 72 |



Patent Register

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ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2004089065](#)
EP Publication Number incl. Hyperlink: [NL1023179](#)
US or other national publication number: [US8,921,644](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Brassica plants with high levels of anticarcinogenic glucosinolates
Trait / Characteristic: high level glucosinolates
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2007116096](#)
EP Publication Number incl. Hyperlink: [EP1998608](#)
US or other national publication number: [US8,492,615](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Brassica oleracea plants with a resistance to Mycosphaerella brassicicola
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2008133503](#)
EP Publication Number incl. Hyperlink: [EP2139311](#)
US or other national publication number: [US8,445,752](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Brassica oleracea plants with a resistance to Albugo candida
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2010007059](#)
EP Publication Number incl. Hyperlink: [EP2306808](#)
US or other national publication number: [US8,987,558](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Cytoplasmic male sterile leek plants
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Allium porrum



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Version 05102020

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2010007059](#)
EP Publication Number incl. Hyperlink: n.a.
US or other national publication number: US8,987,558
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Cytoplasmic Male Sterile Leek Plants, Methods for the Preparation and Use Thereof, and a Cytoplasmic Male Sterile Garlic Plant
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Allium porrum and Allium sativum

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2010089374](#)
EP Publication Number incl. Hyperlink: [EP2393349](#)
US or other national publication number: [US9,000,258](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Xanthomonas campestris pv. campestris resistant brassica plant and preparation thereof
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2012072584](#)
EP Publication Number incl. Hyperlink: [EP2645849](#)
US or other national publication number: [US9,516,823](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Plasmodiophora brassicae-resistant brassica plant, seeds and plant parts thereof and methods for obtaining the same
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Brassica oleracea



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ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2014079498](#)
EP Publication Number incl. Hyperlink: [EP2922958](#)
US or other national publication number: [US10,021,848](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Methods for providing cytoplasmic male sterile Petroselinum crispum plants, cytoplasmic male sterile petroselinum crispum plants and seeds and plant parts thereof
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Petroselinum crispum

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2014131857](#)
EP Publication Number incl. Hyperlink: [EP2961263](#)
US or other national publication number: [US10,575,479](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Lactuca sativa with Bremia lactucae (Downy Mildew) resistance
Trait / Characteristic: Bremia resistance
Related Vegetable (primary use): Lactuca sativa

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2015022023](#)
EP Publication Number incl. Hyperlink: [EP3032941](#)
US or other national publication number: [US10,015,942](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Cytoplasmic male sterile Cichorium plants
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Cichorium intybus var. foliosum, C. intybus var. sativum and and C. endivia

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2017097345](#)
EP Publication Number incl. Hyperlink: [EP15816689](#)
US or other national publication number: [US10,750,700](#) [US15,781,749](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Sprouting broccoli with one or more improved phenotypes
Trait / Characteristic: flowering time/habitus
Related Vegetable (primary use): Brassica oleracea

International Licensing Platform Vegetable

Patent Register – Version 05102020

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Version 05102020

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2017144077](#)
EP Publication Number incl. Hyperlink: [EP16708618](#)
US or other national publication number: [US10,704,058](#) [US16,078,124](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Powdery mildew resistance genes in carrot
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Daucus carota

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2017207022](#)
EP Publication Number incl. Hyperlink: [EP16728870](#)
US or other national publication number: [US20200253145](#) [CN109310063](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: [Pericarp free Spinacia oleracea seeds](#)
Trait / Characteristic: seed habitus
Related Vegetable (primary use): Spinacia oleracea

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2018158417](#)
EP Publication Number incl. Hyperlink: [EP18711242](#)
US or other national publication number: [US16,487,461](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Septoria resistance in celery
Trait / Characteristic: disease resistance
Related Vegetable (primary use): Apium graveolens

ILP Member: **Bejo Zaden BV**
PCT Publication Number: [WO2018134236](#)
EP Publication Number incl. Hyperlink: [EP3351091](#)
US or other national publication number: [US20200260676](#) [MX2019008594](#)
Owner – ILP Member (Applicant, if different): Bejo Zaden BV
PCT Patent Title: Interspecific hybrid plant resulting from a cross between an Allium ampeloprasum plant with an Allium sativum plant
Trait / Characteristic: content matters/flavor
Related Vegetable (primary use): Allium ampeloprasum



Patent Register

Version 05102020

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008003783
EP Publication Number incl. Hyperlink: [EP2041289B1](#)
US or other national publication number: n/a
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Resistance to Powdery mildew and absence of necrosis in Cucumis sativus
Trait / Characteristic: Powdery mildew resistance / absence of necrosis
Related Vegetable (primary use): cucumber

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2011003440
EP Publication Number incl. Hyperlink: [EP2453730A1](#)
US or other national publication number: US 8,779,241B2 (US2012137388)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Cucumber vein yellowing virus (CVYV) resistant cucumber plants (Cucumis sativus L.).
Trait / Characteristic: CVYV CGMMV resistance
Related Vegetable (primary use): cucumber

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2009086850
EP Publication Number incl. Hyperlink: [EP2240598B1](#)
US or other national publication number: US 8,766,041B2 (US2010299786)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Cucumber genetically linked to Tobamovirus resistance in cucumber and the use thereof
Trait / Characteristic: CGMMV resistance
Related Vegetable (primary use): cucumber

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007042070
EP Publication Number incl. Hyperlink: [EP1931193B1](#)
US or other national publication number: US 8,247,645B2 (US2010170001)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Method for providing cucumber fruits with an extended shelf life
Trait / Characteristic: Shelf life
Related Vegetable (primary use): cucumber

International Licensing Platform Vegetable

Patent Register – Version 05102020

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Patent Register

Version 05102020

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO0063432
EP Publication Number incl. Hyperlink: [EP1179089B1](#)
US or other national publication number: US 6,903,249B2 (US2004226060)
US 7,501,555B2 (US2006005272)
US 7,790,948B2 (US2009271890)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Method for obtaining a plant with a lasting resistance to a pathogen
Trait / Characteristic: Bremia resistance
Related Vegetable (primary use): lettuce

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2010025747
EP Publication Number incl. Hyperlink: [EP2330886A1](#)
US or other national publication number: US 8,962,931B2 (US2011214202)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: CVYV-resistant plants of the species Cucumis melo
Trait / Characteristic: CVYV resistance
Related Vegetable (primary use): melon

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2004089067
EP Publication Number incl. Hyperlink: [EP1613145A1](#)
US or other national publication number: US 9,474,220B2
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Method for obtaining fruits of the genus capsicum with improved taste and enhanced nutritional value
Trait / Characteristic: Taste / vitamin C
Related Vegetable (primary use): pepper



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007038980
EP Publication Number incl. Hyperlink: [EP1937058A1](#)
US or other national publication number: US 8,022,278B2 (US2009055946)
US 8,618,370B2 (US2012066797)
US 9,320,215B2 (US2014223611)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Method for transferring one or more genetic traits from a plant of the purple-flowered Capsicum species to a plant of the white-flowered Capsicum species
Trait / Characteristic: Xanthomonas resistance
Related Vegetable (primary use): pepper

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink: [NL2009231](#)
US or other national publication number: n/a
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Powdery mildew resistant plants of the genus Cucurbita
Trait / Characteristic: Powdery mildew resistance
Related Vegetable (primary use): Cucurbita

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2009021545
EP Publication Number incl. Hyperlink: [EP2190999B1](#)
US or other national publication number: US 9,157,093B2 (US2010212046)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Promotor sequence and gene construct for increasing crop yield in tomato
Trait / Characteristic: Plant architecture
Related Vegetable (primary use): Tomato



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| | |
|---|--|
| ILP Member: | Enza Zaden Beheer B.V. |
| PCT Publication Number: | n/a |
| EP Publication Number incl. Hyperlink: | NL2009232 |
| US or other national publication number: | n/a |
| Owner – ILP Member (Applicant, if different): | Enza Zaden Beheer B.V. |
| PCT Patent Title: | Leaf miner fly resistant plants of the genus Cucumis |
| Trait / Characteristic: | Leaf miner fly resistance |
| Related Vegetable (primary use): | Melon |

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|---|--|
| ILP Member: | Enza Zaden Beheer B.V. |
| PCT Publication Number: | WO2015136065 |
| EP Publication Number incl. Hyperlink: | EP3116899A1 |
| US or other national publication number: | US20170107529A1 |
| Owner – ILP Member (Applicant, if different): | Enza Zaden Beheer B.V. |
| PCT Patent Title: | Solanum lycopersicum plants with increased fruit yield |
| Trait / Characteristic: | Plant architecture |
| Related Vegetable (primary use): | Tomato |

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|---|--|
| ILP Member: | Enza Zaden Beheer B.V. |
| PCT Publication Number: | WO2013017293 |
| EP Publication Number incl. Hyperlink: | EP2681233B1 |
| US or other national publication number: | US 9,493,787; US20170016020 |
| Owner – ILP Member (Applicant, if different): | Enza Zaden Beheer B.V. |
| PCT Patent Title: | Powdery mildew resistance providing genes in Cucumis sativus |
| Trait / Characteristic: | Powdery mildew resistance |
| Related Vegetable (primary use): | Cucumber |

| | |
|---|---|
| ILP Member: | Enza Zaden Beheer B.V. |
| PCT Publication Number: | WO2012116938A1 |
| EP Publication Number incl. Hyperlink: | EP2681234B1 |
| US or other national publication number: | |
| Owner – ILP Member (Applicant, if different): | Enza Zaden Beheer B.V. |
| PCT Patent Title: | Powdery mildew resistance providing genes in Cucumis melo |
| Trait / Characteristic: | Powdery mildew resistance |
| Related Vegetable (primary use): | Melon |



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2015106796
EP Publication Number incl. Hyperlink: [EP3094722A1](#)
US or other national publication number: US 2016333370 A1
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Phytophthora resistant plants belonging to the Solanaceae family
Trait / Characteristic: Phytophthora resistance
Related Vegetable (primary use): Tomato

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2015193418
EP Publication Number incl. Hyperlink: [WO2015193418](#)
US or other national publication number: US20170314039A1
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Phytophthora resistant plants belonging to the Solanaceae family
Trait / Characteristic: Phytophthora resistance
Related Vegetable (primary use): Tomato, sweet pepper

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007051483
EP Publication Number incl. Hyperlink: [EP1957655B1](#)
US or other national publication number: EP1957655
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce, spinach, Cucumber, Brassica, Onion, tomato, Cucurbitaceae

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007051483
EP Publication Number incl. Hyperlink: [US8237019B2](#)
US or other national publication number: US8237019
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce



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Version 05102020

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007051483
EP Publication Number incl. Hyperlink: [US8354570B2](#)
US or other national publication number: US8354570
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2007051483
EP Publication Number incl. Hyperlink: [US8575432B2](#)
US or other national publication number: US8575432
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Cucumber, tomato

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2115147B1](#)
US or other national publication number: US8742207
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455474B1](#)
US or other national publication number: US9546373
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Cucumber



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP455473B1](#)
US or other national publication number: US9121029
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455479B1](#)
US or other national publication number: US2016298131
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Tomato

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455477B1](#)
US or other national publication number: EP2455477
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Cabbage

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455475A1](#)
US or other national publication number: EP2455475
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Melon



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2008092659
EP Publication Number incl. Hyperlink: [EP2455476B1](#)
US or other national publication number: EP2455476
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Disease resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Onion

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: WO2000038500
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: [US6784345B1](#)
Owner – ILP Member (Applicant, if different): R&D AG, Inc.
PCT Patent Title: Heat tolerant broccoli
Trait / Characteristic: Heat tolerance
Related Vegetable (primary use): Broccoli

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: [WO2016012346A1](#)
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: EP3193584 / US 20170215361
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Stay green cucumber plant
Trait / Characteristic: Shelf life
Related Vegetable (primary use): Cucumber

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: [US20200093085A1](#)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Red-yellow striped peppers
Trait / Characteristic: Fruit colour
Related Vegetable (primary use): Pepper



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ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink:
US or other national publication number: [US2019191652A1](#)
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Machine harvestable iceberg lettuce
Trait / Characteristic: Plant architecture
Related Vegetable (primary use): Lettuce

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: [WO2020035145A1](#)
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: n/a
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Resistance gene and lettuce plant resistance to downy mildew
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: [WO2020126500A1](#)
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: n/a
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Lettuce plant resistant to downy mildew and resistance gene
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Enza Zaden Beheer B.V.**
PCT Publication Number: [WO2020125925A1](#)
EP Publication Number incl. Hyperlink: n/a
US or other national publication number: n/a
Owner – ILP Member (Applicant, if different): Enza Zaden Beheer B.V.
PCT Patent Title: Machine harvestable iceberg lettuce
Trait / Characteristic: Plant architecture
Related Vegetable (primary use): Lettuce



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|---|---|
| ILP Member: | Enza Zaden Beheer B.V. |
| PCT Publication Number: | WO2020125928A1 |
| EP Publication Number incl. Hyperlink: | n/a |
| US or other national publication number: | n/a |
| Owner – ILP Member (Applicant, if different): | Enza Zaden Beheer B.V. |
| PCT Patent Title: | Lettuce plant resistant to downy mildew and resistance gene |
| Trait / Characteristic: | Downy mildew resistance |
| Related Vegetable (primary use): | Lettuce |



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ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2017081187A1](#)
EP Publication Number incl. Hyperlink:
US or other national publication number: US20170127641
US2018-0255739
AU2016354078
Owner – ILP Member (Applicant, if different): KWS Saat & Co. KGaA (applicant: Pop Vriend)
PCT Patent Title: Peronospora resistance in spinacia sp
Trait / Characteristic: Downey mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2017081189A1](#)
EP Publication Number incl. Hyperlink:
US or other national publication number: US2017/0127642
AU2016354080
Owner – ILP Member (Applicant, if different): KWS Saat & Co. KGaA (applicant: Pop Vriend)
PCT Patent Title: Peronospora resistance in spinacia sp
Trait / Characteristic: Downey mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: [WO2014202044A1](#)
EP Publication Number incl. Hyperlink: [EP 3 492 595](#)
US or other national publication number: CA 2,915,902 A1, CN 201480045665.2
DE 10 2013 010 026 A1, EA 201690011
NZ 754318, NZ 715967
UA a201512799, UA a201907608
US 10,017,781, US 10,731,175
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Rhizomania-resistant gene
Trait / Characteristic: Rhizomania resistance
Related Vegetable (primary use): Beta vulgaris subsp. Vulgaris (red beet, swiss chard)



Patent Register

Version 05102020

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: WO2018/029300
EP Publication Number incl. Hyperlink: [EP 3 282 016](#),
[EP 3 497 223](#)
US or other national publication number: US 2019/0284570 A1, CA 3,038,356 A1,
CL 2019-300, CN 109844120 A, EA 201990468,
EG 195/2019, IR 139750140003009766,
JP 2019-507231, NZ 751447, UA a201901986,
ZA 2019/00711
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Resistance gene to Rhizomania
Trait / Characteristic: Rhizomania resistance
Related Vegetable (primary use): Beta vulgaris subsp. Vulgaris (red beet, swiss chard)

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number:
EP Publication Number incl. Hyperlink: [EP 3 567 111](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Gene for resistance to a pathogen of the genus
Heterodera
Trait / Characteristic: Heterodera resistance
Related Vegetable (primary use): Beta vulgaris subsp. Vulgaris (red beet, swiss chard)

ILP Member: **KWS Saat & Co. KGaA**
PCT Publication Number: WO2020053313
EP Publication Number incl. Hyperlink: EP3623379
US or other national publication number: n/a
Owner – ILP Member (Applicant, if different): KWS SAAT SE / KWS SAAT SE & Co. KGaA
PCT Patent Title: Beet Necrotic Yellow Vein Virus (BNYVV)-resistance
modifying gene
Trait / Characteristic:
Related Vegetable (primary use): Red beet, mangolds, Swiss chard, spinach



Patent Register

Version 05102020

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|---|--|
| ILP Member: | KWS Saat & Co. KGaA |
| PCT Publication Number: | WO2020169178A1 |
| EP Publication Number incl. Hyperlink: | EP3696188 |
| US or other national publication number: | US 10,767,191 B1 US 2020263194 A1 |
| Owner – ILP Member (Applicant, if different): | KWS SAAT SE / KWS SAAT SE & Co. KGaA |
| PCT Patent Title: | Gene for resistance to plant disease |
| Trait / Characteristic: | Cercospora tolerance |
| Related Vegetable (primary use): | Beta vulgaris subsp. vulgaris (mangold, swiss chard) |



Patent Register

Version 05102020

ILP Member: **Limagrain**
PCT Publication Number:
EP Publication Number incl. Hyperlink:
US or other national publication number: [US2015101072](#)
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Combining Fusarium 2 resistance gene (FON2) and red flesh in watermelon
Trait / Characteristic: Fusarium resistance
Related Vegetable (primary use): Watermelon

ILP Member: **Limagrain**
PCT Publication Number: WO2006060425
EP Publication Number incl. Hyperlink: [EP1816908](#)
US or other national publication number: US7314979
US8034999
Owner – ILP Member (Applicant, if different): HM.Clause Inc. (ex. Harris Moran) - Vilmorin & Cie
PCT Patent Title: Multibranching watermelon plant and method of producing
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Watermelon

ILP Member: **Limagrain**
PCT Publication Number: WO2006061256 (A1)
EP Publication Number incl. Hyperlink: [EP1819217](#)
US or other national publication number: US8779234
US8119856
Owner – ILP Member (Applicant, if different): Hazera Seeds B.V (ex.Nickerson Zwaan) - Vilmorin & Cie
PCT Patent Title: Resistance to downy mildew of onion caused by the fungus peronospora destructor
Trait / Characteristic: Fungus Resistance
Related Vegetable (primary use): Onion



Patent Register

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|---|--|
| ILP Member: | Limagrain |
| PCT Publication Number: | |
| EP Publication Number incl. Hyperlink: | No number - only LINK |
| US or other national publication number: | |
| Owner – ILP Member (Applicant, if different): | HM.Clause SA. (ex. Clause) - Vilmorin & Cie |
| PCT Patent Title: | Plant of Eruca genus, which is a carrier of a cytoplasmic male sterility |
| Trait / Characteristic: | Plant Characteristics |
| Related Vegetable (primary use): | Eruca sativa |
| <hr/> | |
| ILP Member: | Limagrain |
| PCT Publication Number: | |
| EP Publication Number incl. Hyperlink: | EP2403950 |
| US or other national publication number: | US9,133,476 US2015368664 (A1) |
| Owner – ILP Member (Applicant, if different): | HM.Clause SA. (ex. Clause) - Vilmorin & Cie |
| PCT Patent Title: | Plant of genus diplotaxis having male cytoplasmic sterility |
| Trait / Characteristic: | Plant Characteristics |
| Related Vegetable (primary use): | diplotaxis tenuifolia |
| <hr/> | |
| ILP Member: | Limagrain |
| PCT Publication Number: | |
| EP Publication Number incl. Hyperlink: | No number - only LINK |
| US or other national publication number: | US8063271 |
| Owner – ILP Member (Applicant, if different): | Hazera Seeds B.V (ex.Nickerson Zwaan) - Vilmorin & Cie |
| PCT Patent Title: | Inbred Radish line NIZ-AC2 |
| Trait / Characteristic: | Oomycete resistance |
| Related Vegetable (primary use): | Radish |
| <hr/> | |
| ILP Member: | Limagrain |
| PCT Publication Number: | WO2011115486 |
| EP Publication Number incl. Hyperlink: | EP2547196 |
| US or other national publication number: | US 9,510,527 |
| Owner – ILP Member (Applicant, if different): | Hazera Seeds B.V (ex.Nickerson Zwaan) - Vilmorin & Cie |
| PCT Patent Title: | Male Sterile leek plant |
| Trait / Characteristic: | Plant Characteristics |
| Related Vegetable (primary use): | Leek |



Patent Register

Version 05102020

ILP Member: **Limagrain**
PCT Publication Number: WO2012009323
EP Publication Number incl. Hyperlink: [EP2592924](#)
US or other national publication number: US8609928
US8669423
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Squash Leaf Curl Virus resistance in cucurbits
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use):

ILP Member: **Limagrain**
PCT Publication Number: WO2012076980
EP Publication Number incl. Hyperlink: [EP2648500](#)
US or other national publication number: US8766054
Owner – ILP Member (Applicant, if different): HM.Clause SA. (ex. Clause) - Vilmorin & Cie
PCT Patent Title: Phytophthora resistance in sweet pepper
Trait / Characteristic: Oomycete resistance
Related Vegetable (primary use): Pepper

ILP Member: **Limagrain**
PCT Publication Number: WO2013156958
EP Publication Number incl. Hyperlink: [EP2838344](#)
US or other national publication number: US2015096076
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: High yield tomato plants
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Tomato

ILP Member: **Limagrain**
PCT Publication Number: WO2014128268
EP Publication Number incl. Hyperlink: [EP2770059](#)
US or other national publication number: US2014283191
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance to arthropod pest in tomatoes
Trait / Characteristic: Insect resistance
Related Vegetable (primary use): Tomato



Patent Register

Version 05102020

ILP Member: **Limagrain**
PCT Publication Number: WO2014145514
EP Publication Number incl. Hyperlink: [No number - only LINK](#)
US or other national publication number: US2016029583
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Machine Harvestable Pepper
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Pepper

ILP Member: **Limagrain**
PCT Publication Number: WO2015124753 (A1)
EP Publication Number incl. Hyperlink: [EP2910114](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance to geminiviruses in watermelons
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Watermelon

ILP Member: **Limagrain**
PCT Publication Number: [WO2015136085](#)
EP Publication Number incl. Hyperlink: [EP3116304](#)
US or other national publication number: US10440914 (B2)
US2020000054
Owner – ILP Member (Applicant, if different): Rijk Zwaan, Nunhems B.V., Limagrain
PCT Patent Title: Bremia lactucae resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Limagrain**
PCT Publication Number:
EP Publication Number incl. Hyperlink: [No number - only LINK](#)
US or other national publication number: [US8669413 \(B2\)](#)
Owner – ILP Member (Applicant, if different): HM. Clause Inc
PCT Patent Title: BREEDING AND SELECTION FOR RESISTANCE TO MELON SEVERE MOSAIC VIRUS (MeSMV)
Trait / Characteristic: Resistance to Mesnv
Related Vegetable (primary use): Melon



Patent Register

Version 05102020

ILP Member: **Limagrain**
PCT Publication Number: WO2004095914 (A2)
EP Publication Number incl. Hyperlink: [EP1619941 \(A2\)](#)
US or other national publication number: US2006260001 (A1)
Owner – ILP Member (Applicant, if different): Vilmorin S.A.
PCT Patent Title: METHOD FOR OBTAINING RECOMBINANT PLANTS OF THE CICHORIUM GENUS AND PLANTS THUS OBTAINED
Trait / Characteristic: Hybrid chicory
Related Vegetable (primary use): Endivia

ILP Member: **Limagrain**
PCT Publication Number: WO2012131262 (A1)
EP Publication Number incl. Hyperlink: [EP2690945 \(A1\)](#)
US or other national publication number: [US2014096289 \(A1\)](#)
Owner – ILP Member (Applicant, if different): Vilmorin S.A.
PCT Patent Title: CAPSICUM ROOTSTOCK.
Trait / Characteristic: Rootstock
Related Vegetable (primary use): Pepper

ILP Member: **Limagrain**
PCT Publication Number: WO2008132310
EP Publication Number incl. Hyperlink: [EP2114126](#)
US or other national publication number: US8716551
Owner – ILP Member (Applicant, if different): Vilmorin S.A.
PCT Patent Title: Production of hybrid lactuca sativa seeds
Trait / Characteristic: Hybrid lettuce production system
Related Vegetable (primary use): Lettuce

ILP Member: **Limagrain**
PCT Publication Number: WO2010010096 (A2)
EP Publication Number incl. Hyperlink: [No number - only LINK](#)
US or other national publication number: US8969658 (B2)
Owner – ILP Member (Applicant, if different): HM.Clause S.A.
PCT Patent Title: METHOD FOR PRODUCING HAPLOID, DOUBLED HAPLOID AND/OR DIHAPLOID PLANTS BY GYNOGENESIS
Trait / Characteristic: Dihaploid plants
Related Vegetable (primary use): Squash



Patent Register

Version 05102020

ILP Member: **Limagrain**
PCT Publication Number:
EP Publication Number incl. Hyperlink:
US or other national publication number: US2016353680
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Machine Harvestable Tomatillo
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Tomatillo

ILP Member: **Limagrain**
PCT Publication Number: WO2017025627
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance to Australian Variant of A. Candida race 9 in broccoli
Trait / Characteristic:
Related Vegetable (primary use):

ILP Member: **Limagrain**
PCT Publication Number: WO2017017266
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Multileaf lettuce of the batavia genus
Trait / Characteristic:
Related Vegetable (primary use):

ILP Member: **Limagrain**
PCT Publication Number: WO2017081205
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: Resistance to ToLCNDv in Squash
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Squash



Patent Register

Version 05102020

ILP Member: **Limagrain**
PCT Publication Number: WO2017174727
EP Publication Number incl. Hyperlink: [EP3228186](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: INCREASED YIELD AND AMOUNT OF SOLUBLE SUGARS ALLOCATED TO FRUITS IN TOMATO PLANTS
Trait / Characteristic: Plant Characteristics
Related Vegetable (primary use): Tomato

ILP Member: **Limagrain**
PCT Publication Number: WO2017114848
EP Publication Number incl. Hyperlink: [EP3187040](#)
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: RESISTANCE TO TOLCNDV IN MELONS
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Melon

ILP Member: **Limagrain**
PCT Publication Number: WO2018219941 (A1)
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: TOLERANCE IN PLANTS OF SOLANUM LYCOPERSICUM TO THE TOBAMOVIRUS TOMATO BROWN RUGOSE FRUIT VIRUS (TBRFV)
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Tomato

ILP Member: **Limagrain**
PCT Publication Number: WO2018220136
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Vilmorin & Cie
PCT Patent Title: TOMATO PLANT RESISTANT TO TOMATO YELLOW LEAF CURL VIRUS, POWDERY MILDEW, AND NEMATODES
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): Tomato



Patent Register

Version 05102020

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|---|---|
| ILP Member: | Limagrain |
| PCT Publication Number: | WO2020030804 |
| EP Publication Number incl. Hyperlink: | |
| US or other national publication number: | |
| Owner – ILP Member (Applicant, if different): | Vilmorin & Cie |
| PCT Patent Title: | RESISTANCE TO XANTHOMONAS CAMPESTRIS PV. CAMPESTRIS (XCC) IN CAULIFLOWER |
| Trait / Characteristic: | Bacterial resistance |
| Related Vegetable (primary use): | Cauliflower |



Patent Register

Version 05102020

ILP Member: **Nunhems B.V.**
PCT Publication Number: [wo2014118150](#)
EP Publication Number incl. Hyperlink: [EP2950634](#)
US or other national publication number: [US9901047B2](#) (~~[US2015366152](#)~~)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SOLANUM LYCOPERSICUM PLANTS HAVING PINK FRUITS
Trait / Characteristic: fruit color
Related Vegetable (primary use): tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2014090968](#)
EP Publication Number incl. Hyperlink: [EP2931025 B2](#)
[EP3560331 \(A1\)](#)
US or other national publication number: [US1003441B2](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: MELON PLANTS WITH MELON YELLOWING ASSOCIATED VIRUS (MYAV) RESISTANCE
Trait / Characteristic: virus resistance
Related Vegetable (primary use): melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2014079896](#)
EP Publication Number incl. Hyperlink: [EP2900817](#)
US or other national publication number: [US9832943](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SOLANUM LYCOPERSICUM PLANTS HAVING NON-TRANSGENIC ALTERATIONS IN THE ACS2 GENE
Trait / Characteristic: fruit ripening
Related Vegetable (primary use): tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2014049002](#)
EP Publication Number incl. Hyperlink: [EP2931026](#)
US or other national publication number: [US9622430 B2](#);
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SOLANUM LYCOPERSICUM PLANTS HAVING NON-TRANSGENIC ALTERATIONS IN THE ACS4 GENE
Trait / Characteristic: fruit ripening
Related Vegetable (primary use): tomato



Patent Register

Version 05102020

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2013135726](#)
EP Publication Number incl. Hyperlink: [EP2825024](#)
US or other national publication number: [US9551008 B2](#);
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TOMATO PLANTS WITH INTENSE PHENOTYPE AND TYLCV RESISTANCE
Trait / Characteristic: fruit flesh texture and TYLCV resistance
Related Vegetable (primary use): Tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2013127988](#)
EP Publication Number incl. Hyperlink: [EP2819505](#)
US or other national publication number: US9603319
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TSWV RESISTANT CAPSICUM PLANTS
Trait / Characteristic: TSWV resistance
Related Vegetable (primary use): pepper

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2013120781](#)
EP Publication Number incl. Hyperlink: [EP2814316](#)
US or other national publication number: US10433512 (B2)
US10582683 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TRIPLOID WATERMELON PLANTS WITH A BUSH GROWTH HABIT
Trait / Characteristic: bush growth
Related Vegetable (primary use): watermelon

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2012069539](#)
EP Publication Number incl. Hyperlink: [EP2642845](#)
US or other national publication number: [US10517249 \(B2\)](#)
[US9763399 \(B2\)](#)
[US2020093086](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: DUAL PURPOSE POLLENIZER WATERMELONS
Trait / Characteristic: pollenizer watermelon plants
Related Vegetable (primary use): watermelon



Patent Register

Version 05102020

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2010142465](#)
EP Publication Number incl. Hyperlink: [EP2440664](#)
US or other national publication number: [US9532520](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: DROUGHT TOLERANT PLANTS
Trait / Characteristic: drought tolerance
Related Vegetable (primary use): tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2009092560](#)
EP Publication Number incl. Hyperlink: [EP2244554](#)
US or other national publication number: US8704045 (B2)
US8816155 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: ONIONS WITH HIGH STORAGE ABILITY, HIGH SOLUBLE SOLIDS CONTENT AND/OR LOW PUNGENCY
Trait / Characteristic: Pungency
Related Vegetable (primary use): Onion

ILP Member: **Nunhems B.V.**
PCT Publication Number: n/a
EP Publication Number incl. Hyperlink:
US or other national publication number: [NL1019887](#)
[BE1015836](#)
[FR0201221](#)
[IT1341910](#)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: Cultivated Cichorium plant, useful for production of hybrid seeds and plants, has a male sterility allele at locus MS, linked to specific markers
Trait / Characteristic: male sterility
Related Vegetable (primary use): chicory, witlof



Patent Register

Version 05102020

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2015036469
EP Publication Number incl. Hyperlink:
US or other national publication number: **US2019185878 (A1)**
US10258002 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SPINACH PLANTS THAT ARE RESISTANT TO DOWNY MILDEW
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Nunhems B.V.**
PCT Publication Number:
EP Publication Number incl. Hyperlink:
US or other national publication number: US9624507 (B2)
US10258001 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SPINACH PLANTS THAT ARE RESISTANT TO DOWNY MILDEW
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2015040098
EP Publication Number incl. Hyperlink: EP3046410
US or other national publication number: US10212898 (B2)
US2019014732 (A1)
Owner – ILP Member (Applicant, if different):
PCT Patent Title: PLANTS WITH AN INTENSE FRUIT PHENOTYPE
Trait / Characteristic: flesh texture
Related Vegetable (primary use): cucumber, melon, tomato

ILP Member: **Nunhems B.V.**
PCT Publication Number: [WO2015136085](#)
EP Publication Number incl. Hyperlink: [EP3116304](#)
US or other national publication number: **US10440914 (B2)**
US2020000054
Owner – ILP Member (Applicant, if different): Rijk Zwaan, Nunhems B.V., Limagrain
PCT Patent Title: Bremia lactucae resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce



Patent Register

Version 05102020

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2015177206
EP Publication Number incl. Hyperlink: EP3145294
US or other national publication number: **US10362742 (B2)**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: Melon plants with whitefly resistance
Trait / Characteristic: insect resistance
Related Vegetable (primary use): melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2015185475
EP Publication Number incl. Hyperlink: EP3151655
EP3574748
US or other national publication number: **US10334797 (B2)**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: Melon plants with a dominant melon yellowing associated virus (MYaV) resistance gene
Trait / Characteristic: virus resistance
Related Vegetable (primary use): melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016059090
EP Publication Number incl. Hyperlink: EP3206478
US or other national publication number: US10306851 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: YIELD QTLS IN CUCUMBER PLANTS
Trait / Characteristic: Yield
Related Vegetable (primary use): Cucumber

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016059092
EP Publication Number incl. Hyperlink: EP3206479
US or other national publication number: US10306850 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: YIELD QTLS IN CUCUMBER PLANTS
Trait / Characteristic: Yield
Related Vegetable (primary use): Cucumber



Patent Register

Version 05102020

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016066748
EP Publication Number incl. Hyperlink: [EP3211991](#)
US or other national publication number: **US10638689 (B2) US2017318770**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: LETTUCE PLANTS COMPRISING RESISTANCE AGAINST NASONOVIA RIBISNIGRI BIOTYPE 1
Trait / Characteristic: Aphid Resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016113329
EP Publication Number incl. Hyperlink: EP3244726
US or other national publication number: **US10694696 (B2) US2018049384**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: CITRULLUS LANATUS PRODUCING FRUITS WITH HIGH TEXTURE FRUIT FLESH
Trait / Characteristic: flesh texture
Related Vegetable (primary use): Watermelon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2016177696
EP Publication Number incl. Hyperlink: [EP3291667](#)
US or other national publication number: **US10645890 (B2) US2018288960 (A1)**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: INTROGRESSION OF A YIELD QTL IN CUCUMIS SATIVUS PLANTS
Trait / Characteristic: yield
Related Vegetable (primary use): cucumber

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2017060350
EP Publication Number incl. Hyperlink: EP3358943
ES2667441 (B1)
US or other national publication number: **US10687494 (B2) US2018310514 (A1)**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: Watermelon plants with Cucumber Vein Yellowing Virus (CVYV) resistance
Trait / Characteristic: Cucumber Vein Yellowing Virus (CVYV) resistance
Related Vegetable (primary use): watermelon



Patent Register

Version 05102020

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2017178520
EP Publication Number incl. Hyperlink: EP3442325 (A1)
US or other national publication number: **US10709089 (B2)** ~~US2019110426 (A1)~~
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: INTROGRESSION OF TWO YIELD QTLS IN CUCUMIS SATIVUS PLANTS
Trait / Characteristic: Yield
Related Vegetable (primary use): cucumber

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2017202715
EP Publication Number incl. Hyperlink: EP3464333 (A1)
US or other national publication number: US10306850 (B2)
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SEEDLESS FRUIT PRODUCING PLANTS
Trait / Characteristic: Seedless
Related Vegetable (primary use): a.o. watermelon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2018011075
EP Publication Number incl. Hyperlink: EP3484276 (A1)
US or other national publication number: **US2019225983**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TOLCNDV RESISTANT MELON PLANTS
Trait / Characteristic: Virus Resistance
Related Vegetable (primary use): melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2018060444
EP Publication Number incl. Hyperlink: **EP3518658 (A1)**
US or other national publication number: **US2019300900**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: PARTHENO-CARPIC WATERMELON PLANTS
Trait / Characteristic: Parthenocarpy
Related Vegetable (primary use): Watermelon



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ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2018193044
EP Publication Number incl. Hyperlink: **EP3612018 (A1)**
US or other national publication number: **US2020040355**
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: TOLCNDV RESISTANT MELON PLANTS
Trait / Characteristic: Virus resistance
Related Vegetable (primary use): Melon

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2019034364
EP Publication Number incl. Hyperlink: **EP3668307 (A1)**
US or other national publication number:
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: CGMMV Resistant Citrullus plants
Trait / Characteristic: Virus resistance
Related Vegetable (primary use): Watermelon

~~ILP Member: **Nunhems B.V.**~~
~~PCT Publication Number: **WO2019068647**~~
~~EP Publication Number incl. Hyperlink:~~
~~US or other national publication number:~~
~~Owner – ILP Member (Applicant, if different): **Hild Samen GmbH**~~
~~PCT Patent Title: **Complete Resistance to Downy Mildew in Basil**~~
~~Trait / Characteristic: **Fungus resistance**~~
~~Related Vegetable (primary use): **basil**~~

ILP Member: **Nunhems B.V.**
PCT Publication Number: WO2019145446
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Nunhems B.V.
PCT Patent Title: SPINACH PLANTS RESISTANT TO AT LEAST PERONOSPORA FARINOSA RACES 8 AND 10 TO 16
Trait / Characteristic: Fungus resistance
Related Vegetable (primary use): spinach



Patent Register

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| | |
|---|---|
| ILP Member: | Nunhems B.V. |
| PCT Publication Number: | WO2019145447 |
| EP Publication Number incl. Hyperlink: | |
| US or other national publication number: | |
| Owner – ILP Member (Applicant, if different): | Nunhems B.V. |
| PCT Patent Title: | SPINACH PLANTS RESISTANT TO AT LEAST PERONOSPORA FARINOSA RACES 8, 9, 11, 13 AND 16 |
| Trait / Characteristic: | Fungus resistance |
| Related Vegetable (primary use): | Spinach |

| | |
|---|--|
| ILP Member: | Nunhems B.V. |
| PCT Publication Number: | WO2019238832 |
| EP Publication Number incl. Hyperlink: | |
| US or other national publication number: | |
| Owner – ILP Member (Applicant, if different): | Nunhems B.V. |
| PCT Patent Title: | SEEDLESS WATERMELON PLANTS COMPRISING MODIFICATIONS IN AN ABC TRANSPORTER GENE |
| Trait / Characteristic: | Seedless |
| Related Vegetable (primary use): | Watermelon |

| | |
|---|---------------------------------------|
| ILP Member: | Nunhems B.V. |
| PCT Publication Number: | WO2020074237 |
| EP Publication Number incl. Hyperlink: | |
| US or other national publication number: | |
| Owner – ILP Member (Applicant, if different): | Nunhems B.V. |
| PCT Patent Title: | DOWNY MILDEW RESISTANT LETTUCE MUTANT |
| Trait / Characteristic: | Downy mildew resistance |
| Related Vegetable (primary use): | Lettuce |

| | |
|---|--|
| ILP Member: | Nunhems B.V. |
| PCT Publication Number: | WO2020120242 |
| EP Publication Number incl. Hyperlink: | |
| US or other national publication number: | |
| Owner – ILP Member (Applicant, if different): | Nunhems B.V. |
| PCT Patent Title: | SOLANACEOUS PLANT CAPABLE OF STENOSPERMOCARPIC FRUIT FORMATION |
| Trait / Characteristic: | Seedless |
| Related Vegetable (primary use): | Pepper |



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2007039137
EP Publication Number incl. Hyperlink: [EP1763991](#)
[EP1926365](#)
US or other national publication number: 20090106867
20120210470
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Red Lettuce
Trait / Characteristic: Red coloring in core
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2012087140
EP Publication Number incl. Hyperlink: [EP2654407](#)
US or other national publication number: 20130239258
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Fruit Formation In The Absence Of Fertilisation
Trait / Characteristic: Seedless fruits
Related Vegetable (primary use): Pepper

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2010149628
EP Publication Number incl. Hyperlink: [EP2445332](#)
US or other national publication number: 20120164303
20130189419
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Fertilisation Independent Fruit Formation In Tomato
Trait / Characteristic: Seedless fruits
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2012026814
EP Publication Number incl. Hyperlink: [EP2608657](#)
US or other national publication number: 20120054894 / 20130219566 / US20150313170
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Multileaf Spinach
Trait / Characteristic: Multileaf
Related Vegetable (primary use): Spinach



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2012087143
EP Publication Number incl. Hyperlink: [EP2654409](#)
US or other national publication number: 20120164304
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: New Celery Morphology
Trait / Characteristic: Uniform stem size
Related Vegetable (primary use): Celery

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO199903329
EP Publication Number incl. Hyperlink: [EP0942643](#)
US or other national publication number: Patent 6,320,104
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Multileaf Lettuce
Trait / Characteristic: Multileaf
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2010023093
EP Publication Number incl. Hyperlink: [EP2328403](#)
US or other national publication number: 20110214197
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: White Kohlrabi
Trait / Characteristic: White colored stem
Related Vegetable (primary use): Brassica

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2009130307
EP Publication Number incl. Hyperlink: [EP2111748](#)
[EP2278872](#)
US or other national publication number: 20110078815
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Cytoplasmic Male Sterile Rucola
Trait / Characteristic: Male sterility
Related Vegetable (primary use): Rucola



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2005124108
EP Publication Number incl. Hyperlink: [EP1781793](#)
[EP2175027](#)
US or other national publication number: 20080256661
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Reduced Susceptibility Towards Pathogens, in Particular Comycetes, Such As Downy Mildew In Lettuce And Spinach
Trait / Characteristic: Bremia resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2011144672
EP Publication Number incl. Hyperlink: [EP2571347](#)
US or other national publication number: 20130074223
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance To Post Harvest Deterioration In Cucumber
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number:
EP Publication Number incl. Hyperlink: [NL1017616](#)
US or other national publication number: -
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Brassica Oleracea Plants With Resistance To Mycosphaerella Brassicicola
Trait / Characteristic: Mycosphaerella resistance
Related Vegetable (primary use): Brassica



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2007077230
EP Publication Number incl. Hyperlink: [EP1998607](#)
[EP2484200](#)
US or other national publication number: 20070180578
20100287673
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance To Physiological Disorders In Lettuce
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013064641
EP Publication Number incl. Hyperlink: [EP2589285](#)
[EP2773184](#)
US or other national publication number: 2013254928 (was 20130007925)
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Pepino Mosaic Virus Resistant Tomato Plant
Trait / Characteristic: Pepino resistance
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2012065629
WO2012066008
EP Publication Number incl. Hyperlink: [EP2640183](#)
US or other national publication number: 20120124695
20130239250
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance To Nasonovia Ribisnigri Biotype 1 (Nr:1)
From Lactuca Serriola
Trait / Characteristic: Aphid resistance
Related Vegetable (primary use): Lettuce



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2011058192
EP Publication Number incl. Hyperlink: [EP2501220](#)
US or other national publication number: 20110126308
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Lettuce That Is Resistant To The Lettuce Aphid
Nasonovia Ribisnigri Biotype 1
Trait / Characteristic: Aphid resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013156566
EP Publication Number incl. Hyperlink: [EP2653029](#)
US or other national publication number: 20130283479
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Thrips Resistant Cabbage
Trait / Characteristic: Thrips resistance
Related Vegetable (primary use): Brassica

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2010057960
EP Publication Number incl. Hyperlink: [EP2346316](#)
US or other national publication number: 20110277191
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance To Post Harvest Deterioration in
Cucumber
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013117623
EP Publication Number incl. Hyperlink: [EP2534942](#)
US or other national publication number: 20140223593
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato Plant Comprising A Mutant TGHVI Allele
Trait / Characteristic: No green staining
Related Vegetable (primary use): Tomato



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014029876
EP Publication Number incl. Hyperlink: [EP2700301](#)
US or other national publication number: 20150164014
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Hairless Eggplant
Trait / Characteristic: Hairless stems and leaves
Related Vegetable (primary use): Eggplant

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013124310
EP Publication Number incl. Hyperlink: EP2628387
US or other national publication number: 20130269066
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: R-Genes In Coupling Phase
Trait / Characteristic: Bremia resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2011042279
EP Publication Number incl. Hyperlink: [EP2475243](#)
US or other national publication number: 20120216308
20130291137
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato With Improved Shelf-life
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2007077229
EP Publication Number incl. Hyperlink: [EP1973396](#)
[EP2428112](#)
US or other national publication number: 20070180573
20140033372
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Screening Method For Selecting Plants That Show A
Reduced Wound-Induced Surface Discolouration
And Plant And Plant Parts Thus Obtained
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Lettuce

International Licensing Platform Vegetable

Patent Register – Version 05102020

Telephone: +31 70 318 00 35

Email: mail@ILP-vegetable.org • Website: www.ILP-vegetable.org



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Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014009555
EP Publication Number incl. Hyperlink: [EP2684449](#)
US or other national publication number: 20150125588
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Small Seeded Corn Salad (Valerianella Locusta)
Trait / Characteristic: Uniform seedsiz
Related Vegetable (primary use): Corn salad

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2007077231
EP Publication Number incl. Hyperlink: [EP1988764](#)
US or other national publication number: 20090053757
20130237452
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Screening Method For Selecting Plants Thatshow A
Reduced Wound-Induced Surface Discolouration
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014140026
EP Publication Number incl. Hyperlink: EP2966988
US or other national publication number: 20160014989
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Dark Stem Cucumber Plants
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014096415
EP Publication Number incl. Hyperlink: [EP2745679](#)
US or other national publication number: 20140182019
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Brassica Plants Resistant To Clubroot
Trait / Characteristic: Clubroot resistance
Related Vegetable (primary use): Brassica



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013093054
EP Publication Number incl. Hyperlink: [EP2607487](#)
[EP2794889](#)
US or other national publication number: 20130191937
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance Against Peronospora Parasitica In
Diplotaxis Tenuifolia
Trait / Characteristic: Peronospora
Related Vegetable (primary use): Rucola

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013064436
EP Publication Number incl. Hyperlink: [EP2773185](#)
US or other national publication number: 20130230635
20140053293
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Peronospora Resistance In Spinacia Oleracea
Trait / Characteristic: Peronospora resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013132084
EP Publication Number incl. Hyperlink: [EP2636301](#)
US or other national publication number: 20130269048
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Cucumber With Increased Number Of Fruits
Trait / Characteristic: Increased yield
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2013139654
EP Publication Number incl. Hyperlink: [EP2641467](#)
US or other national publication number: 20130254947
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Personal Celery
Trait / Characteristic: small sized plants
Related Vegetable (primary use): Celery



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2014140341](#)
EP Publication Number incl. Hyperlink: EP2966993
US or other national publication number: 20140289907
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato Spotted Wilt Virus And/Or Impatiens
Necrotic Spot Virus Resistance In Cultivated Lettuce
Trait / Characteristic: TWSV/INSV resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2014140378](#)
EP Publication Number incl. Hyperlink: EP2966992
US or other national publication number: 20140283223
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: High Temperature Germinating Lettuce Seeds
Trait / Characteristic: Increased germination temperature
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2014140209](#)
EP Publication Number incl. Hyperlink: EP2966994
US or other national publication number: 20140272083
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Red Spinach Plant
Trait / Characteristic: Red colored leaves
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014108471
EP Publication Number incl. Hyperlink: [EP2754667](#)
US or other national publication number: 20140201859
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Reversible Genic Male Sterility In Compositae
Trait / Characteristic: Reversible GMS
Related Vegetable (primary use): Asteraceae



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2014140331](#)
EP Publication Number incl. Hyperlink: EP2966989
US or other national publication number: 20140272088
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance Against Leveillula Taurica in Pepper
Trait / Characteristic: Leveillula resistance
Related Vegetable (primary use): Pepper

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015000991](#)
EP Publication Number incl. Hyperlink: EP3016504
US or other national publication number: 20160115496
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Pepper with increased brix level
Trait / Characteristic: Increased level of brix
Related Vegetable (primary use): Pepper

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015000992](#)
EP Publication Number incl. Hyperlink: EP3016503
US or other national publication number: 20160130598
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Pepper with increased total content of terpenoids
Trait / Characteristic: Increased total content of terpenoids
Related Vegetable (primary use): Pepper

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015000993](#)
EP Publication Number incl. Hyperlink: EP3016505
US or other national publication number: 20160160225
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Pepper with novel flavor
Trait / Characteristic: Altered taste
Related Vegetable (primary use): Pepper



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015086726](#)
EP Publication Number incl. Hyperlink: [EP3079460](#)
US or other national publication number: US20160272998
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Fertilisation independent fruit formation in eggplant
Trait / Characteristic: CMS
Related Vegetable (primary use): Eggplant

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015136085](#)
EP Publication Number incl. Hyperlink: [EP3116304](#)
US or other national publication number: US10440914 (B2)
US2020000054
Owner – ILP Member (Applicant, if different): Rijk Zwaan, Nunhems B.V., Limagrain
PCT Patent Title: Bremia lactucae resistant plants
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: [WO2015150560](#)
EP Publication Number incl. Hyperlink: [EP3126504](#)
US or other national publication number: 20170016022
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Modified gene conferring virus resistance
Trait / Characteristic: Virus resistance
Related Vegetable (primary use): Cucumber, melon, watermelon, carrot, beans, tomato, spinach, lettuce, brassica, beetroot

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2016026816
EP Publication Number incl. Hyperlink: EP3182820
US or other national publication number: 20170164570
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato plants allowing the establishment of mites
Trait / Characteristic: Plants that tolerate predatory mites for use against insects
Related Vegetable (primary use): Tomato



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2016041952
EP Publication Number incl. Hyperlink: EP3194598
US or other national publication number: 20170183682
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: High temperature seed germination
Trait / Characteristic: Increased germination temperature
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2009007066
EP Publication Number incl. Hyperlink: EP2011389
US or other national publication number: US20100175142
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Method for identifying plant material that shows a reduced discolouration, plants thus identified and use of the identified plants for the production of commercial crop plants showing a reduced discolouration
Trait / Characteristic: Increased shelflife
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2014202781
EP Publication Number incl. Hyperlink: [EP3010331](#)
US or other national publication number: 20160100544
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Resistance against Hyaloperonospora parasitica in Diplotaxis tenuifolia
Trait / Characteristic: Peronospora resistance
Related Vegetable (primary use): Rucola

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2016120438
EP Publication Number incl. Hyperlink: EP3250694
US or other national publication number: 20170335339
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Modified gene resulting in parthenocarpic fruit set
Trait / Characteristic: Seedless fruit
Related Vegetable (primary use): Melon



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Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017005669
EP Publication Number incl. Hyperlink: EP3316678
US or other national publication number: 20180116145
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: White celery
Trait / Characteristic: White celery
Related Vegetable (primary use): Celery

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2016207432
EP Publication Number incl. Hyperlink: EP3313171
US or other national publication number: 20180054990
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Genetic basis for cucumber fruit having small seed cavity
Trait / Characteristic: Small seed cavity
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017016908
EP Publication Number incl. Hyperlink: EP3328186
US or other national publication number: 20180103601
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: QTLs for fusarium resistance in cucumber
Trait / Characteristic: Fusarium resistance
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017042270
EP Publication Number incl. Hyperlink: EP3347370
US or other national publication number: 20180184604
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Modified cullin1 gene
Trait / Characteristic: Compact growth
Related Vegetable (primary use): Cucumber



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017054938
EP Publication Number incl. Hyperlink: EP3355687
US or other national publication number: 20180223307
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Copy number variant leading to virus resistance
Trait / Characteristic: Virus resistance
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017072300
EP Publication Number incl. Hyperlink: EP3367782
US or other national publication number: 20180298395
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato plant producing fruits that comprise beneficial compounds
Trait / Characteristic: Beneficial compounds
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017084724
EP Publication Number incl. Hyperlink: EP3376853
US or other national publication number: 9,402,363
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Peronospora resistance in spinacia oleracea
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017134297
EP Publication Number incl. Hyperlink: EP3410844
US or other national publication number: 20190021271
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: QTLs conferring resistance to potyviruses in watermelon
Trait / Characteristic: Resistance to Potyviruses
Related Vegetable (primary use): Watermelon



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017144669
EP Publication Number incl. Hyperlink: EP3419416
US or other national publication number: 20190136255
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Plants showing a reduced wound-induced surface discoloration
Trait / Characteristic: Shelflife
Related Vegetable (primary use): Lettuce

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2017194073
EP Publication Number incl. Hyperlink: EP3454645
US or other national publication number: 20170327839
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Non R-gene mediated resistance
Trait / Characteristic: Disease resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018010803
EP Publication Number incl. Hyperlink: EP3484279
US or other national publication number: 20190223402
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Eggplant producing seeds with a novel colour
Trait / Characteristic: Seed colour
Related Vegetable (primary use): Eggplant

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018050766
EP Publication Number incl. Hyperlink: EP3512331
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Red vein endive plant
Trait / Characteristic: Leaf colour
Related Vegetable (primary use): Cichorium



Patent Register

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| | |
|---|---|
| ILP Member: | Rijk Zwaan |
| PCT Publication Number: | WO2018050765 |
| EP Publication Number incl. Hyperlink: | EP3512330 |
| US or other national publication number: | 20190225984 |
| Owner – ILP Member (Applicant, if different): | Rijk Zwaan |
| PCT Patent Title: | QTL contributing to whitefly resistance in cucumis melo |
| Trait / Characteristic: | White fly resistance |
| Related Vegetable (primary use): | Melon |

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|---|---|
| ILP Member: | Rijk Zwaan |
| PCT Publication Number: | WO2018059718 |
| EP Publication Number incl. Hyperlink: | EP3518660 |
| US or other national publication number: | 20190110422 |
| Owner – ILP Member (Applicant, if different): | Rijk Zwaan |
| PCT Patent Title: | Peronospora resistance in spinacia oleracea |
| Trait / Characteristic: | Peronospora resistance |
| Related Vegetable (primary use): | Spinach |

| | |
|---|--|
| ILP Member: | Rijk Zwaan |
| PCT Publication Number: | WO2018059651 |
| EP Publication Number incl. Hyperlink: | EP3410845 |
| US or other national publication number: | 20190127753 |
| Owner – ILP Member (Applicant, if different): | Rijk Zwaan |
| PCT Patent Title: | Method for modifying the resistance profile of spinacia oleracea to downy mildew |
| Trait / Characteristic: | Peronospora resistance |
| Related Vegetable (primary use): | Spinach |

| | |
|---|---|
| ILP Member: | Rijk Zwaan |
| PCT Publication Number: | WO2018059653 |
| EP Publication Number incl. Hyperlink: | EP3518659 |
| US or other national publication number: | 20190233841 |
| Owner – ILP Member (Applicant, if different): | Rijk Zwaan |
| PCT Patent Title: | Peronospora resistance in spinacia oleracea |
| Trait / Characteristic: | Peronospora resistance |
| Related Vegetable (primary use): | Spinach |



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018185340
EP Publication Number incl. Hyperlink: EP3606334
US or other national publication number: 20200056201
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Angular leaf spot (*Pseudomonas*) resistance in cucumber
Trait / Characteristic: *Pseudomonas* resistance
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2018219861
EP Publication Number incl. Hyperlink: EP3629706
US or other national publication number: 20200131527
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Tomato leaf curl new delhi virus (ToLCNDV) resistant melons
Trait / Characteristic: ToLCNDV resistance
Related Vegetable (primary use): Melon

ILP Member: **Rijk Zwaan**
PCT Publication Number:
EP Publication Number incl. Hyperlink: EP3427575
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Endive plant that shows reduced browning
Trait / Characteristic: Shelflife
Related Vegetable (primary use): Cichorium

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2019016323
EP Publication Number incl. Hyperlink: EP3654764
US or other national publication number: 20200199613
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Genetic basis for *Pythium* resistance
Trait / Characteristic: *Pythium* resistance
Related Vegetable (primary use): Cucumber



Patent Register

Version 05102020

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2019063839
EP Publication Number incl. Hyperlink:
US or other national publication number: 20190218571
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: CMV resistance allele
Trait / Characteristic: CMV resistance
Related Vegetable (primary use): Spinach

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2019110130
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: TBRFV resistant tomato plants
Trait / Characteristic: TBRFV resistance
Related Vegetable (primary use): Tomato

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2020025632
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: Mutant allele of the ACO2 gene (Maleness in cucumber ACO2 gene)
Trait / Characteristic: Male flowering
Related Vegetable (primary use): Cucumber

ILP Member: **Rijk Zwaan**
PCT Publication Number: WO2020025631
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Rijk Zwaan
PCT Patent Title: CYSDV resistance in members of the cucurbitaceae family
Trait / Characteristic: CYSDV resistance
Related Vegetable (primary use): Melon



Patent Register

Version 05102020

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|---|---|
| ILP Member: | Rijk Zwaan |
| PCT Publication Number: | WO2020128044 |
| EP Publication Number incl. Hyperlink: | |
| US or other national publication number: | 20200199615 |
| Owner – ILP Member (Applicant, if different): | Rijk Zwaan |
| PCT Patent Title: | Peronospora resistance in spinacia oleracea |
| Trait / Characteristic: | Downy mildew resistance |
| Related Vegetable (primary use): | Spinach |



Patent Register

Version 05102020

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: WO2007049730
EP Publication Number incl. Hyperlink: [EP1950290](#) [EP2944692](#)
US or other national publication number: [US8058505](#) [AU2006307069B2](#) [BRPI0618023](#)
[CN101522896B](#) [EG26029](#) [IN247408](#) [JP04139429](#)
[KR1106932](#) [MX278996](#)
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: CYTOPLASMIC HYBRID PLANT BELONGING TO THE GENUS LACTUCA AND METHOD FOR PRODUCTION THEREOF
Trait / Characteristic: cytoplasmic male sterility
Related Vegetable (primary use): Lettuce

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: -
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP05964046
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: NEW TOMATO ROOTSTOCK, AND TOMATO GRAFTED SEEDLING USING THE SAME
Trait / Characteristic: Potato leaf morphological marker for grafting
Related Vegetable (primary use): Tomato

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: -
EP Publication Number incl. Hyperlink: -
US or other national publication number: [US9198364](#)
Owner – ILP Member (Applicant, if different): ALF CHRISTIANSON SEED COMPANY
PCT Patent Title: DOWNY MILDEW RESISTANCE IN TABLE BEET
Trait / Characteristic: Downy mildew resistance
Related Vegetable (primary use): Beet



Patent Register

Version 05102020

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: -
EP Publication Number incl. Hyperlink: -
US or other national publication number: DK201670798 (A1)
JP2017074009 (A)
US2017105382 (A1)
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: NOVEL SPINACH AND METHOD FOR PRODUCING
THE SAME
Trait / Characteristic: having solid petioles at harvest
Related Vegetable (primary use): Spinach

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: WO2018/085646
EP Publication Number incl. Hyperlink:
US or other national publication number: AU2017355483A1
US20170071147A1
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: PURPLE BABY BROCCOLI
Trait / Characteristic: Purple colour
Related Vegetable (primary use): Broccoli

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: WO2020013190A1
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: S-Methylmethionine-rich brassica oleracea plant
Trait / Characteristic: S-Methylmethionine-rich
Related Vegetable (primary use): Broccoli

ILP Member: **Sakata Seed Corporation**
PCT Publication Number: WO2019163954A1
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Sakata Seed Corporation
PCT Patent Title: Self-compatible brassica oleracea plant and method
for growing same
Trait / Characteristic: Self-compatible
Related Vegetable (primary use): Broccoli



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|---|--|
| ILP Member: | Sakata Seed Corporation |
| PCT Publication Number: | WO2019050042A1 |
| EP Publication Number incl. Hyperlink: | |
| US or other national publication number: | |
| Owner – ILP Member (Applicant, if different): | Sakata Seed Corporation |
| PCT Patent Title: | Downy mildew resistant cabbage and cultivation method therefor |
| Trait / Characteristic: | Downy mildew resistant |
| Related Vegetable (primary use): | Cabbage |



Patent Register

Version 05102020

| | |
|---|--|
| ILP Member: | Semillas Fitó S.A.U. |
| PCT Publication Number: | WO2009112546 |
| EP Publication Number incl. Hyperlink: | EP2255006 |
| US or other national publication number: | ES2336180 |
| Owner – ILP Member (Applicant, if different): | Semillas Fitó |
| PCT Patent Title: | PROCESS FOR PRODUCING TOMATO PLANTS WITH LONG-LIFE CHARACTERISTICS |
| Trait / Characteristic: | Long shelf life |
| Related Vegetable (primary use): | Tomato |

| | |
|---|------------------------------------|
| ILP Member: | Semillas Fitó S.A.U. |
| PCT Publication Number: | WO2017/186920 A1 |
| EP Publication Number incl. Hyperlink: | EP3238533 |
| US or other national publication number: | Does not apply |
| Owner – ILP Member (Applicant, if different): | Semillas Fitó |
| PCT Patent Title: | Begomovirus-resistant Melon Plants |
| Trait / Characteristic: | Resistance to ToLCNDV |
| Related Vegetable (primary use): | Melon |



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2011020797
EP Publication Number incl. Hyperlink: [EP2467487](#)
US or other national publication number: US-2012-0225151
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: DISEASE RESISTANT TOMATO PLANTS
Trait / Characteristic: B. cinerea resistance
Related Vegetable (primary use): Tomato

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2011051120
EP Publication Number incl. Hyperlink: [EP2494055](#)
US or other national publication number: US-2012-0204284
US-2015-0237817
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: TOMATO FRUIT HAVING INCREASED FIRMNESS
Trait / Characteristic: Fruit firmness and texture
Related Vegetable (primary use): Tomato

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2013153237
EP Publication Number incl. Hyperlink: EP2871936
US or other national publication number: US-2015-0082476
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: QTL RESPONSIBLE FOR TOMATO FRUIT FIRMNESS
Trait / Characteristic: Fruit firmness and texture
Related Vegetable (primary use): Tomato

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2012041856
EP Publication Number incl. Hyperlink: [EP2621943](#)
US or other national publication number: US-2014-0137296
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: MODULATION OF SOLANACEAE FRUIT RIPENING
Trait / Characteristic: Fruit firmness and texture
Related Vegetable (primary use): Tomato



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2003105568
EP Publication Number incl. Hyperlink: [EP1515600](#)
US or other national publication number: US7851680
US9185857
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
Syngenta Participations AG)
PCT Patent Title: FLAVONOL EXPRESSING DOMESTICATED TOMATO
AND METHOD OF PRODUCTION
Trait / Characteristic: Flavonol content
Related Vegetable (primary use): Tomato

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2008135510
EP Publication Number incl. Hyperlink: [EP2140023](#)
US or other national publication number: US-2010-0122383
US-2010-0115654
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: INSECT RESISTANT PLANT
Trait / Characteristic: Insect resistance
Related Vegetable (primary use): Pepper

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2008/152134
EP Publication Number incl. Hyperlink: [EP2166833](#)
EP2517552
US or other national publication number: US8492619
US-2016-0198667
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: IMPROVED PEPPER PLANT
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Pepper



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2009098983
EP Publication Number incl. Hyperlink: [EP2245922](#)
US or other national publication number: US-2010-0333228
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: PLANT CAPABLE OF BEARING SEEDLESS FRUITS AND
METHOD OF PRODUCING VARIETY BEARING
SEEDLESS FRUITS
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Pepper

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2013034747
EP Publication Number incl. Hyperlink: [EP2753168](#)
US or other national publication number: US-2014-0230102
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NEW PEPPER PLANTS AND FRUITS WITH IMPROVED
NUTRITIONAL VALUE
Trait / Characteristic: Improved Color
Related Vegetable (primary use): Pepper

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2005015984
EP Publication Number incl. Hyperlink: [EP1553817](#)
US or other national publication number: US7642423
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NOVEL PEPPER PLANTS
Trait / Characteristic: Improved Shelflife
Related Vegetable (primary use): Pepper



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2009000736
EP Publication Number incl. Hyperlink: [EP2164970](#)
US or other national publication number: 12/451996
14/109091
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: F. OXYSPORUM F.SP. MELONIS RACE 1,2-RESISTANT
MELONS
Trait / Characteristic: Fusarium resistance
Related Vegetable (primary use): Melon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2005068637
EP Publication Number incl. Hyperlink: [EP1587933](#)
US or other national publication number: 12/549728
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NOVEL MELON PLANTS
Trait / Characteristic: Sweet & Sour melon
Related Vegetable (primary use): Melon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2003096798
EP Publication Number incl. Hyperlink: [EP1503621](#)
US or other national publication number: 11/854362
10/795609
10/937705
10/145980
10/514096
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: TETRAPLOID WATERMELONS PRODUCING SMALL
FRUITS
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Watermelon



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2003075641
EP Publication Number incl. Hyperlink: [EP1487256](#)
[EP2255614](#)
US or other national publication number: 12/360991
10/091154
10/349509
10/933791
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: ENHANCED POLLENIZER AND METHODS FOR
INCREASING SEEDLESS WATERMELON YIELD
Trait / Characteristic: Seedlessness (Super-Pollenizer)
Related Vegetable (primary use): Watermelon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2010111031
EP Publication Number incl. Hyperlink: [EP2410836](#)
US or other national publication number: 13/101627
12/719157
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: METHOD OF PLANTING TRIPLOID SEEDLESS
WATERMELON SEEDS AND ENHANCED
WATERMELON POLLENIZER SEEDS FOR PRODUCING
WATERMELON TRANSPLANTS
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Watermelon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2013173222
EP Publication Number incl. Hyperlink: -
US or other national publication number: 14/098266
13/762002
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: METHODS AND COMPOSITIONS FOR THE INHIBITION
OF MERISTEMATIC GROWTH ON CUCURBIT
ROOTSTOCK
Trait / Characteristic: Rootstock trait
Related Vegetable (primary use): Watermelon



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2007084299
EP Publication Number incl. Hyperlink: [EP1973397](#)
US or other national publication number: ABANDONED
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NOVEL CUCURBITA PLANTS
Trait / Characteristic: CMV-2 resistance
Related Vegetable (primary use): Squash

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2012143391
EP Publication Number incl. Hyperlink: [EP2699080](#)
US or other national publication number: 14/112657
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: CUCURBITA PLANT RESISTANT TO POTYVIRUS
Trait / Characteristic: Potyvirus resistance
Related Vegetable (primary use): Squash

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2004/013334
EP Publication Number incl. Hyperlink: [EP1525317](#); [EP2302061](#)
US or other national publication number: US13/114176 now issued as US9295207
US8013209
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: CLUBROOT RESISTANT BRASSICA OLERACEA PLANTS
Trait / Characteristic: Clubroot resistance
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2008/084329
EP Publication Number incl. Hyperlink: -
US or other national publication number: US8173862, US8044267, US8247655 all abandoned
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NOVEL RUCOLA PLANTS WITH CYTOPLASMIC MALE
STERILITY (CMS)
Trait / Characteristic: Rucola CMS
Related Vegetable (primary use): Leafy

International Licensing Platform Vegetable

Patent Register – Version 05102020

Telephone: +31 70 318 00 35

Email: mail@ILP-vegetable.org • Website: www.ILP-vegetable.org



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2011/003783
EP Publication Number incl. Hyperlink: [EP2451269](#)
US or other national publication number: US-2012-0117683
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: PLANT RESISTANT TO A PATHOGEN
Trait / Characteristic: Bremia resistant lettuce
Related Vegetable (primary use): Leafy

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2012/085085
EP Publication Number incl. Hyperlink: [EP2654406](#)
US or other national publication number: US-2013-0266719
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NEW LETTUCE PLANT
Trait / Characteristic: Non-heading lettuce
Related Vegetable (primary use): Leafy

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2011/036108
EP Publication Number incl. Hyperlink: [EP2480065](#)
US or other national publication number: US-2012-0185960
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: BRASSICA OLERACEA PLANTS RESISTANT TO ALBUGO
CANDIDA
Trait / Characteristic: Albugo resistant Brassica
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2006/131291
EP Publication Number incl. Hyperlink: [EP1887853](#)
US or other national publication number: US8680365, US14/172089, US7759550
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NOVEL BRASSICA PLANTS
Trait / Characteristic: Long stem cauliflower
Related Vegetable (primary use): Brassica



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2012/084702
EP Publication Number incl. Hyperlink: [EP2654408](#)
US or other national publication number: US-2013-0312140-A1
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: NEW BROCCOLI PLANT AND USE THEREOF
Trait / Characteristic: Multifloret broccoli
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2009/062645
EP Publication Number incl. Hyperlink: [EP2214473](#)
US or other national publication number: US-2011-0003033 now issued as US8754288
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: METHOD FOR THE PRODUCTION OF PINK COLORED
CABBAGE
Trait / Characteristic: Pink cabbage
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2011/161466
EP Publication Number incl. Hyperlink: [EP2585478](#)
US or other national publication number: US-2013-0117879-A1
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: PLANT EUKARYOTIC TRANSLATION INITIATION
FACTOR 4E
Trait / Characteristic: TuMV resistant plants
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2013/127809
EP Publication Number incl. Hyperlink: EP2820037 (link to follow)
US or other national publication number: US-2015-0240255
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: MODULATION OF SEED VIGOR
Trait / Characteristic: Improved seed vigor in Brassica
Related Vegetable (primary use): Brassica



Patent Register

Version 05102020

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2015/102810
EP Publication Number incl. Hyperlink:
US or other national publication number: US2015181823
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: Methods and compositions for production of
watermelon fruit
Trait / Characteristic: Seedlessness
Related Vegetable (primary use): Watermelon

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO 2005/074671
EP Publication Number incl. Hyperlink: EP1708562
US or other national publication number: US 8,163,478, US 8,357,837
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: Improved fertility restoration for ogura cytoplasmic
male sterile Brassica and method
Trait / Characteristic: CMS
Related Vegetable (primary use): Brassica

ILP Member: **Syngenta Crop Protection AG**
PCT Publication Number: WO2018114859
EP Publication Number incl. Hyperlink:
US or other national publication number:
Owner – ILP Member (Applicant, if different): Syngenta Crop Protection AG
(Syngenta Participations AG)
PCT Patent Title: Prolific Flowering Watermelon
Trait / Characteristic: improved flowering
Related Vegetable (primary use): Watermelon



Patent Register

Version 05102020

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number: WO2014136768
EP Publication Number incl. Hyperlink: [EP2966167A1](#)
US or other national publication number: JP6299030B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: PRSV-RESISTANT CUCUMBER, AND METHOD FOR PRODUCING CUCUMBER EXHIBITING RESISTANCE TO PRSV AND ZYMV
Trait / Characteristic: PRSV Resistance
Related Vegetable (primary use): cucumber

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number: WO2015002318
EP Publication Number incl. Hyperlink: [EP3018205A1](#)
US or other national publication number: US10244691B
JP6412497B
KR20160027158A
MX2016000159A
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: ROOT-KNOT NEMATODE RESISTANCE MARKER FOR TOMATO PLANT, ROOT-KNOT NEMATODE RESISTANT TOMATO PLANT, PRODUCTION METHOD FOR ROOT-KNOT NEMATODE RESISTANT TOMATO PLANT, AND SCREENING METHOD FOR ROOT-KNOT NEMATODE RESISTANT TOMATO PLANT
Trait / Characteristic: Root-Knot Nematode Resistance
Related Vegetable (primary use): tomato

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number:
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP4873774B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: TOMATO GRAFT SEEDLING AND TOMATO FOR ROOTSTOCK TO BE USED FOR THE SEEDLING
Trait / Characteristic: green stem color morphological marker for grafting
Related Vegetable (primary use): tomato



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ILP Member: **Takii & Co., Ltd.**
PCT Publication Number:
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP4795734B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: DAUCUS CAROTA L. HAVING HIGH ANTIOXIDANT COMPONENT
Trait / Characteristic: anti-oxidation composition
Related Vegetable (primary use): carrot

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number:
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP4256687B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: METHOD FOR GROWING NOVEL ORNAMENTAL CABBAGE VARIETY
Trait / Characteristic: glossy-leaf
Related Vegetable (primary use): ornamental kale

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number:
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP6153245B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: BROWN SPOT-RESISTANT CUCUMBER PLANTS, AND METHOD FOR PRODUCING BROWN SPOT-RESISTANT CUCUMBER PLANTS AND POWDERY MILDEW-RESISTANT CUCUMBER PLANTS
Trait / Characteristic: Corynespora cassicola Resistance
Related Vegetable (primary use): cucumber



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ILP Member: **Takii & Co., Ltd.**
PCT Publication Number: WO2015108185
EP Publication Number incl. Hyperlink: [EP3095863A](#)
[EP3690042A \(Divisional\)](#)
US or other national publication number: US20170002376A
JP6191996B
KR20160108516A
IL246179D
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd. And Incorporated Administrative Agency National Agriculture and Food Research Organization
PCT Patent Title: Parthenocarpy regulation gene and use thereof
Trait / Characteristic: Parthenocarpy regulation gene
Polynucleotide sequence of the gene
Encoded amino acid sequence of the gene
Selection method of the parthenocarpy plants
Method of the gene modification
Related Vegetable (primary use): egg plant, tomato and peper

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number:
EP Publication Number incl. Hyperlink: -
US or other national publication number: JP6718659B
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: The screening methods of late bolting parental lines of F1 varieties in Brassicaceae, and breeding methods with it.
Trait / Characteristic: late bolting
Related Vegetable (primary use): Brassicaceae Raphanus, Brassicaceae Brassica, Brassicaceae Sinapis

ILP Member: **Takii & Co., Ltd.**
PCT Publication Number: WO2016/174795
EP Publication Number incl. Hyperlink: EP3290526A1
US or other national publication number: JP6527746
KR20170141235A
Owner – ILP Member (Applicant, if different): Takii & Co., Ltd.
PCT Patent Title: MARKER FOR LEAF MOLD RESISTANCE IN TOMATO PLANT, LEAF MOLD-RESISTANT TOMATO PLANT, METHOD FOR PRODUCING LEAF MOLD-RESISTANT TOMATO PLANT, AND METHOD FOR SCREENING FOR LEAF MOLD-RESISTANT TOMATO PLANT
Trait / Characteristic: Leaf mold resistance

International Licensing Platform Vegetable

Patent Register – Version 05102020

Telephone: +31 70 318 00 35

Email: mail@ILP-vegetable.org • Website: www.ILP-vegetable.org



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| Related Vegetable (primary use): | tomato |
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| ILP Member: | Takii & Co., Ltd. |
| PCT Publication Number: | WO2017081876 |
| EP Publication Number incl. Hyperlink: | |
| US or other national publication number: | JP2017-86016A US10772273B (US20180325057A) ES2691593B TR201806450T |
| Owner – ILP Member (Applicant, if different): | Takii & Co., Ltd. |
| PCT Patent Title: | Powdery Mildew Resistance Marker for Melon Plants, Powdery Mildew Resistant Melon Plant, and Method for Producing Powdery Mildew Resistant Melon Plant Using the Same |
| Trait / Characteristic: | Powdery mildew resistance |
| Related Vegetable (primary use): | Melon |

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| ILP Member: | Takii & Co., Ltd. |
| PCT Publication Number: | - |
| EP Publication Number incl. Hyperlink: | - |
| US or other national publication number: | JP2017-212980A |
| Owner – ILP Member (Applicant, if different): | Takii & Co., Ltd. |
| PCT Patent Title: | MARKER FOR Verticillium dahliae RESISTANCE IN TOMATO PLANT, Verticillium dahliae-RESISTANT TOMATO PLANT, METHOD FOR PRODUCING Verticillium dahliae-RESISTANT TOMATO PLANT, AND METHOD FOR SCREENING FOR Verticillium dahliae-RESISTANT TOMATO PLANT |
| Trait / Characteristic: | Verticillium dahliae resistance |
| Related Vegetable (primary use): | tomato |



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| ILP Member: | Takii & Co., Ltd. |
| PCT Publication Number: | WO2019026924 |
| EP Publication Number incl. Hyperlink: | <u>EP3663402A</u> |
| US or other national publication number: | JP6306252B CN109661478A KR20190045190A CA3070721A MX2019002442A |
| Owner – ILP Member (Applicant, if different): | Takii & Co., Ltd. |
| PCT Patent Title: | POWDERY MILDEW RESISTANCE MARKER OF CUCURBITA MAXIMA, POWDERY-MILDEW-RESISTANT CUCURBITA MAXIMA, METHOD FOR PRODUCING POWDERY-MILDEW-RESISTANT CUCURBITA MAXIMA IN WHICH SAME IS USED, AND METHOD FOR IMPARTING POWDERY MILDEW RESISTANCE TO CUCURBITA MAXIMA |
| Trait / Characteristic: | Powdery mildew resistance |
| Related Vegetable (primary use): | Pumpkin |
