

A. Scientific journals (with review process)

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D. Patent Applications

1. PROCESS FOR THE INTRODUCTION OF EXPRESSIBLE GENES INTO PLANTCELL GENOMES AND AGROBACTERIUM STRAINS CARRYING HYBRID TI PLASMID VECTORS USEFUL FOR THIS PROCESS
 Inventor: VAN MONTAGU MARC CHARLES [BE] ; HERNALSTEENS JEAN PIERRE E C [BE] (+4)
 Applicant: MAX PLANCK GESELLSCHAFT [DE]
 EC: C12N15/82A4B IPC: A01H1/00; C12N15/84; A01G1/00; (+31)
 Publication info: CA1341524 (C) — 2007-04-03
2. Production of ascorbic acid in plants
 Inventor: BAUW GUY JEROME CORNEEL [BE] ; DAVEY MARK WILLIAM [BE] (+2)
 Applicant: BAUW GUY JEROME CORNEEL, ; DAVEY MARK WILLIAM, (+2)
 EC: C12N9/02C; C12N15/82C4B; (+2) IPC: C12N9/02; C12N15/82; C12P17/04; (+8)
 Publication info: US2003097679 (A1) — 2003-05-22
3. Plants with modified flowers, seeds or embryos.
 Inventor: DE GREEF WILLY [BE] ; VAN EMMELO JOHN [BE] (+3) Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C07K14/415; C12N9/10A1; (+4) IPC: C12N15/09; A01H5/00; C07K14/415; (+21)
 Publication info: GR3035206 (T3) — 2001-04-30
4. DNA coding for a Mg²⁺/H⁺ or Zn²⁺/H⁺ exchanger and transgenic plants expressing same
 Inventor: GALILI GAD [IL] ; SHAUL ORIT [IL] (+3) Applicant: YEDA RES & DEV [IL] ; UNIV TEXAS [US]
 EC: C07K14/415; C12N15/82C8B2 IPC: C07K14/415; C12N15/19; C12N15/82; (+5)
 Publication info: US6677506 (B1) — 2004-01-13
5. Production of ascorbic acid in plants
 Inventor: BAUW GUY JEROME CORNEEL [BE] ; DAVEY MARK WILLIAM [BE] (+2)
 Applicant: VLAAMS INTERUNIV INST BIOTECH [BE]
 EC: C12N9/02C; C12N15/82C4B; (+2) IPC: C12N9/02; C12N15/53; C12N15/82; (+10)
 Publication info: US6469149 (B1) — 2002-10-22
6. Plant micropropagation and germplasm storage
 Inventor: GOETHALS KOENRAAD HILAIRE MARI [BE] ; EL JAZIRI MONDHER [BE] (+1)
 Applicant: VLAAM INTERUNIVERSITAIR INST V [BE] ; UNIV BRUXELLES [BE]

- EC: A01H4/00D IPC: A01H4/00; C12N5/02; A01H4/00; (+3)
Publication info: US6830928 (B1) — 2004-12-14
7. Kloningsvektor, bakterie indeholdende denne, fremgangsmåde til transformering af en plantecelle, fremgangsmåde til fremstil
Inventor: PATRICIA ZAMBRYSKI [BE] ; SCHELL JOSEF S [DE] (+4) Applicant: MAX PLANCK GESELLSCHAFT [DE]
EC: IPC: A01H5/00; C12N15/00; C12N15/09; (+6)
Publication info: DK149099 (A) — 1999-10-18
8. TRANSFORMED PLANT
Inventor: DE GREVE HENRI M J ; SALGADO MARIA B L F (+5) Applicant: PLANT GENETIC SYSTEMS NV
EC: C07K14/325; C07K16/12B14; (+1) IPC: C12N5/00; A01H1/00; A01H5/00; (+36)
Publication info: JP2000154110 (A) — 2000-06-06
9. TISSUE-SPECIFIC POPLAR PROMOTERS
Inventor: CHEN CUIYING [BE] ; MEYERMANS HUGO [BE] (+2) Applicant: VLAAMS INTERUNIV INST BIOTECH [BE] ; CHEN CUIYING [BE] (+3)
EC: C12N9/10A1A; C12N15/82B20A; (+2) IPC: C12N9/10; C12N15/54; C12N15/82; (+6)
Publication info: WO9909188 (A2) — 1999-02-25
10. PLANT MICROPROPAGATION AND GERMPLASM STORAGE
Inventor: GOETHALS KOENRAAD HILAIRE MARI [BE] ; EL JAZIRI MONDHER [BE] (+1)
Applicant: VLAAMS INTERUNIV INST BIOTECH [BE]
EC: IPC: A01H4/00; A01H4/00; (IPC1-7): A01H4/00
Publication info: EP0969715 (A2) — 2000-01-12
11. Chimaeric gene coding for a transit peptide and a heterologous polypeptide
Inventor: HERRERA-ESTRELLA LUIS [BE] ; VAN DEN BROECK GUIDI [BE] (+7)
Applicant: PLANT GENETIC SYSTEMS NV [BE] ; BAYER AG [DE]
EC: C12N15/82B; C12N15/82B8 IPC: C12N15/29; C12N15/82; C12N15/29; (+5)
Publication info: US6130366 (A) — 2000-10-10
12. Gene quimérico
Inventor: GREVE HENRI MARCEL JOZEF DE ; SALGADO MARIA BENITA LEONOR FE (+5)
Applicant:
EC: IPC: A01H1/00; A01H5/10; A01N63/02; (+28)
Publication info: BR1100252 (A) — 2000-08-01
13. Endotoxins
Inventor: GREVE HENRI MARCEL JOZEF DE [BE] ; SALGADO MARIA BENITA LEONOR FE [MX] (+5)
Applicant: PLANT GENETIC SYSTEMS NV [BE]
EC: C07K16/12B14 IPC: C07K16/12; C07K16/12; (IPC1-7): C07K14/325
Publication info: US5760181 (A) — 1998-06-02
14. Plants with modified flowers seeds or embryos
Inventor: DE GREEF WILLY [BE] ; VAN EMMELO JOHN [BE] (+3) Applicant: PLANT GENETIC SYSTEMS NV [BE]
EC: C07K14/415; C12N9/10A1; (+4) IPC: C07K14/415; C12N9/10; C12N9/22; (+15)
Publication info: US5767374 (A) — 1998-06-16
15. Transformation vectors allowing expression of foreign polypeptide endotoxins in plants

- Inventor: DE GREVE HENRI MARCEL JOZEF [BE] ; SALGADO MARIA BENITA LEONOR FE [MX] (+5)
 Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C07K14/325; C07K16/12B14; (+1) IPC: C07K14/325; C07K16/12; C12N15/32; (+6)
 Publication info: US5843898 (A) — 1998-12-01
16. Crucifer ACC synthase and uses thereof
 Inventor: VAN DER STRAETEN DOMINIQUE [BE] ; GOODMAN HOWARD [US] (+1)
 Applicant: GEN HOSPITAL CORP [US] ; RIJKSUNIVERSITEIT [BE]
 EC: A01H5/10; C12N9/88; (+1) IPC: A01H5/00; A01H5/10; C07K14/415; (+17)
 Publication info: US5908971 (A) — 1999-06-01
17. Transformation vectors allowing expression of foreign polypeptide endoxins from *Bacillus thuringiensis* in plants
 Inventor: GREVE HENRI MARCEL JOZEF DE [BE] ; SALGADO MARIA BENITA LEONOR FE [MX] (+5)
 Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C07K14/325; C07K16/12B14; (+1) IPC: C07K14/325; C07K16/12; C12N15/82; (+4)
 Publication info: US5545565 (A) — 1996-08-13
18. Chimaeric gene coding for a transit peptide and a heterologous polypeptide
 Inventor: HERRERA-ESTRELLA LUIS [BE] ; VAN DEN BROECK GUIDO [BE] (+7)
 Applicant: PLANT GENETIC SYSTEMS NV [BE] ; BAYER AG [DE]
 EC: C12N15/82B; C12N15/82B8 IPC: C12N15/82; C12N15/82; (IPC1-7): A01H5/00; (+3)
 Publication info: US5728925 (A) — 1998-03-17
19. Plants with genetic female sterility
 Inventor: DE GREEF WILLY [BE] ; VAN EMMELO JOHN [BE] (+3) Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C07K14/415; C12N9/22; (+2) IPC: C07K14/415; C12N9/22; C12N9/50; (+8)
 Publication info: US5633441 (A) — 1997-05-27
20. Modification of lignin synthesis in plants
 Inventor: FRITIG BERNARD JEAN MEINRAD [FR] ; VAN DOORSSELAERE JAN [BE] (+5)
 Applicant: ICI PLC [GB]
 EC: C12N9/10D1A; C12N15/82C4B12 IPC: C12N9/10; C12N15/54; C12N15/82; (+5)
 Publication info: US5959178 (A) — 1999-09-28
21. Process for the production of transgenic plants with increased nutritional value via the expression of modified 2S storage albumins
 Inventor: DE CLERCQ ANN [BE] ; KREBBERS ENNO [US] (+4) Applicant: PLANT GENETIC SYSTEMS NV [BE] ; BRAZILIAN AGRICULTURAL RESEARC [BR]
 EC: C07K14/00; C07K14/415; (+5) IPC: C07K14/00; C07K14/415; C07K14/60; (+7)
 Publication info: US5589615 (A) — 1996-12-31
22. Transformation vectors allowing expression of foreign polypeptide endotoxins from *Bacillus thuringiensis* in plants
 Inventor: GREVE HENRI MARCEL JOZEF DE [BE] ; SALGADO MARIA BENITA LEONOR FE [MX] (+5)
 Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C07K14/325; C07K16/12B14; (+1) IPC: C07K14/325; C07K16/12; C12N15/82; (+4)
 Publication info: US5317096 (A) — 1994-05-31

23. MODIFICATION OF LIGNIN SYNTHESIS IN PLANTS
 Inventor: VAN DOORSSELAERE JAN [BE] ; FRITIG GERNARD JEAN
 MEINRAD [FR] (+5)
 Applicant: ICI PLC [GB]
 EC: C12N9/10A1A6; C12N15/11B5; (+1) IPC: A01H5/00; C12N5/10; C12N9/10; (+15)
 Publication info: WO9305160 (A1) — 1993-03-18
24. NEMATODE-RESPONSIVE PLANT PROMOTERS
 Inventor: VAN DER EYCKEN WALTER [BE] ; NIEBEL ANDREAS [BE] (+4) Applicant: PLANT GENETIC
 SYSTEMS NV [BE]
 EC: C07K14/415; C12N15/82C8B6D IPC: C07K14/415; C12N15/29; C12N15/82; (+8)
 Publication info: WO9221757 (A1) — 1992-12-10
25. NEMATODE-RESPONSIVE PLANT PROMOTERS.
 Inventor: VAN DER EYCKEN WALTER [BE] ; NIEBEL ANDREAS [BE] (+4) Applicant: PLANT GENETIC
 SYSTEMS NV [BE]
 EC: A01N65/38; A01N65/00 IPC: A01H5/00; A01N65/38; C12N5/10; (+12)
 Publication info: EP0586612 (A1) — 1994-03-16
26. MODIFIZIERUNG VON PFLANZEN MITTELS GENTECHNOLOGISCHER VERFAHREN, UM INSEKTEN ZU
 BEKAEMPFEN ODER ZU KONTROLLIEREN.
 Inventor: DE GREVE HENRI MARCEL JOZEF ; FERNANDEZ SALGADO
 MARIA BENITA (+5)
 Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: IPC: A01N63/02; C07H21/04; C12N1/21; (+13)
 Publication info: AT88503 (T) — 1993-05-15
27. A PROCESS FOR THE PRODUCTION OF TRANSGENIC PLANTS WITH INCREASED NUTRITIONAL VALUE
 VIA THE EXPRESSION OF MODIFIED 2S STORAGE ALBUMINS
 Inventor: DE CLERCQ ANN [BE] ; KREBBERS ENNO [US] (+4) Applicant: PLANT GENETIC SYSTEMS NV
 [BE] ; BRASIL PESQUISA
 AGROPEC [BR]
 EC: C07K14/00; C07K14/415; (+3) IPC: A01H1/00; A01H5/00; C07K14/00; (+17)
 Publication info: WO9004032 (A1) — 1990-04-19
28. STRESS-TOLERANT PLANTS
 Inventor: BOWLER CHRIS [BE] ; INZE DIRK [BE] (+4) Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C12N9/02M; C12N15/82C8B IPC: C12N9/02; C12N15/53; C12N15/82; (+9)
 Publication info: WO9002804 (A1) — 1990-03-22
29. A process for the production of transgenic plants with increased nutritional value via the
 expression of modified 2S storage albumins in said plants.
 Inventor: DE CLERCQ ANN ; KREBBERS ENNO (+1) Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C07K14/00; C07K14/415; (+8) IPC: C07K14/00; C07K14/415; C07K14/60; (+9)
 Publication info: EP0318341 (A1) — 1989-05-31
30. Verfahren zur Herstellung transgenetischer Pflanzen mit erhöhtem Nährwert durch Expression
 von modifizierten 2S-Speicheralbuminen in diesen Pflanzen
 Inventor: DE CLERCQ ANN [BE] ; KREBBERS ENNO [US] (+4) Applicant: PLANT GENETIC SYSTEMS NV
 [BE] ; BRASILEIRA DE PESQUIZO
 AGROPEC [BR]
 EC: IPC: A01H1/00; C12N5/00; C12N15/00; (+5)
 Publication info: DE3855455 (T2) — 1997-01-09
31. Modifying plants by genetic engineering to combat or control insects.

- Inventor: GREVE HENRI MARCEL JOZEF DE [BE] ; SALGADO MARIA BENITA LEONOR FERNANDEZ [MX] (+5)
 Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C12N15/82C8B6E IPC: C12N1/21; C12N15/32; C12N15/82; (+8)
 Publication info: EP0451878 (A1) — 1991-10-16
32. DNA RECOMBINATION AND PLANT CELL AND PLANT RECEIVED CORRECTION BY SAID DNA RECOMBINATION
 Inventor: HERRERA-ESTRELLA LUIS [BE] ; VAN DEN BROECK GUIDO [BE] (+7)
 Applicant: PLANT GENETIC SYSTEMS NV ; BAYER AG
 EC: C12N15/82B8 IPC: C12N15/09; A01H1/00; A01H5/00; (+25)
 Publication info: JP61224990 (A) — 1986-10-06
33. PROCESS FOR PREPARING GENETICALLY STABLY TRANSFORMED MONOCOTYLEDONOUS PLANT CELLS
 Inventor: HERNALSTEENS JEAN PIERRE E C [BE] ; VAN MONTAGU MARC CHARLES [BE] (+1)
 Applicant: PLANT GENETIC SYSTEMS NV [BE]
 EC: C12N15/82A4B IPC: C12N15/82; C12N15/82; (IPC1-7): C12N15/00; (+2)
 Publication info: WO8603776 (A1) — 1986-07-03
34. Process for a thermo-inducible gene expression in Gram positive bacteria, Bacillus subtilis strains containing plasmids which induce such an expression and portable vector systems.
 Inventor: DHAESE PATRICK DR ; VAN MONTAGU MARC DR (+1) Applicant: SOLVAY [BE]
 EC: C12N15/75 IPC: C12N15/09; C07H21/04; C12N1/20; (+13)
 Publication info: EP0182562 (A2) — 1986-05-28
35. VERFAHREN ZUR THERMOINDUZIERBAREN GENEXPRESSION IN GRAMPOSITIVEN BAKTERIEN, BACILLUS SUBTILIS STAEMME, DIE PLASMIDE ENTHALTEN, DIE EINE SOLCHE EXPRESSION INDUZIEREN UND PORTABLE VEKTORSYSTEME.
 Inventor: DHAESE PATRICK DR ; VAN MONTAGU MARC DR (+1) Applicant: SOLVAY [BE]
 EC: IPC: C12N1/20; C12N15/75; C12R1/125; (+5)
 Publication info: AT68207 (T) — 1991-10-15
36. Non-oncogenic ti plasmid vector system and recombinant DNA molecules for the introduction of expressible genes into plant cell genomes.
 Inventor: ZAMBRYSKI PATRICIA [BE] ; SCHELL JOSEF S [DE] (+4) Applicant: MAX PLANCK GESELLSCHAFT [DE]
 EC: C12N15/82A4B IPC: C12N15/82; C12N15/82; (IPC1-7): A01H1/00; (+2)
 Publication info: EP0320500 (A2) — 1989-06-14