



(11) **EP 1 650 301 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 54

(51) Int Cl.:
C07K 14/415 (2006.01) C12N 15/82 (2006.01)

(86) International application number:
PCT/JP2004/011307

(48) Corrigendum issued on:
19.08.2009 Bulletin 2009/34

(87) International publication number:
WO 2005/012520 (10.02.2005 Gazette 2005/06)

(45) Date of publication and mention
of the grant of the patent:
04.03.2009 Bulletin 2009/10

(21) Application number: **04771310.2**

(22) Date of filing: **30.07.2004**

(54) **GENE THAT CONFER REGENERATION ABILITY TO PLANTS, AND USES THEREOF**

DAS RÜCKDIFFERENZIERUNGSVERMÖGEN EINER PFLANZE VERLEIHENDES GEN UND
NUTZUNG DAVON

GENE CONFERANT A UNE PLANTE LA CAPACITE DE REDIFFERENCIATION, ET SON
UTILISATION

(84) Designated Contracting States:
BE CH DE FR GB LI NL

(30) Priority: **31.07.2003 US 491837 P**

(43) Date of publication of application:
26.04.2006 Bulletin 2006/17

(73) Proprietors:
• **HONDA MOTOR CO., LTD.**
Tokyo 107-8556 (JP)
• **National University Corporation Nagoya**
University
Nagoya-shi, Aichi 464-8601 (JP)

(72) Inventors:
• **NISHIMURA, Asuka**
Wako-shi,
Saitama 351-0114 (JP)
• **MATSUOKA, Makoto,**
Nat.Univ.Corp.Nagoya University
Nagoya-shi,
Aichi 464-8601 (JP)
• **ASHIKARI, Motoyuki,**
Nat.Univ.Corp.Nagoya University
Nagoya-shi,
Aichi 464-8601 (JP)

(74) Representative: **Woods, Geoffrey Corlett**
J.A. KEMP & CO.
14 South Square
Gray's Inn
London
WC1R 5JJ (GB)

(56) References cited:
WO-A2-01/25454 WO-A2-02/36786

- **OGAWA T ET AL: "Relationships between nitrite reductase activity and genotype-dependent callus growth in rice cell cultures" PLANT CELL REPORTS, vol. 18, no. 7-8, March 1999 (1999-03), pages 576-581, XP002402541 ISSN: 0721-7714**
- **NISHIMURA ASUKA ET AL: "Isolation of a rice regeneration quantitative trait loci gene and its application to transformation systems" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 102, no. 33, August 2005 (2005-08), pages 11940-11944, XP002402542 ISSN: 0027-8424**
- **TERADA, Y. ET AL.: 'Cloning and nucleotide sequence of a leaf ferredoxin-nitrite reductase cDNA of rice' BIOSCI.BIOTECHNOL.BIOCHEM vol. 59, 1995, pages 2183 - 2185, XP002995652**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 1 650 301 B8

- | | |
|--|--|
| <ul style="list-style-type: none"> • TAGUCHI-SHIOBARA, F.: 'Genetic Analysis of Regeneration Ability of Rice Seed Callus., Nogyo Seibutsu Shigen Kenkyusho Kenkyu Hokoku' BULLETIN OF THE NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES vol. 13, 1999, pages 97 - 134, XP002995651 • TAGUCHI-SHIOBARA, F.: 'Koshihikari ni Takai Callus Keiseino Oyobi Saibunkano o Fuyo suru Tameno QTL Kaiseki' SEIBUTSU SHIGEN KENKYU SEIKA JOHO vol. 7, 1998, pages 45 - 46, XP002995653 • TAGUCHI-SHIOBARA, F. ET AL.: 'Ine Shushi Callus no Saibunkano ni Kanyo suru QTL no Mapping' BREEDING SCIENCE vol. 46, no. 1, 1996, page 77, XP002995654 | <ul style="list-style-type: none"> • TAGUCHI-SHIOBARA, F. ET AL.: 'Mapping quantitative trait loci associated with regeneration of ability of seed callus in rice' ORYZA SATIVA L., THEORETICAL AND APPLIED GENETICS vol. 95, no. 5 TO 6, 1997, pages 828 - 833, XP002995655 • OZAWA, K. ET AL.: 'Ine Saibunkano no Iden Kaiseki Oyobi Kosaibunkano Ikushu Sozai no Kaihatsu' pages 82 - 83, XP002995656 • ABE, T.: 'Ine no Datsubunka Saibunka no Identeki Shihai' HEISEI 5, 6 NENDO KAGAKU KENKYUHI HOJOKIN (SOGOKENKYU A), KENKYU SEIKA HOKOKUSHO 1995, pages 32 - 38, XP002995657 |
|--|--|