

Title (en)
TRANSGENIC PLANTS INCLUDING A TRANSGENE CONSISTING OF A HYBRID NUCLEIC ACID SEQUENCE, COMPRISING AT LEAST ONE NON-EDITED MITOCHONDRIAL GENE FRAGMENT OF SUPERIOR PLANTS AND PROCESS FOR THEIR PRODUCTION.

Title (de)
TRANSGEN BEINHALTENDE PFLANZEN BESTEHEND AUS EINER HYBRIDEN NUKLEINSÄURESEQUENZ DIE WENIGSTENS EIN NICHT-EDITIERTES MITOCHONDRIALES GEN HÖHERER PFLANZEN TRÄGT UND VERFAHREN ZU IHRER HERSTELLUNG.

Title (fr)
PLANTES TRANSGENIQUES INCLUANT UN TRANSGENE CONSTITUE PAR UNE SEQUENCE D'ACIDE NUCLEIQUE HYBRIDE, COMPORTANT AU MOINS UN FRAGMENT DE GENE MITOCHONDRIAL NON EDITE DE VEGETAUX SUPERIEURS ET LEUR PROCEDE DE PRODUCTION.

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Application
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Priority
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Abstract (en)
[origin: WO9418334A1] Hybrid nucleic acid sequences including at least the coding region of an unedited mitochondrial gene of superior plants and controlling the male fertility of plants containing said sequences, transgenic plants having such sequences and methods of production of transgenic male-sterile plants and method of restoring male-fertile plants. The nuclei of the transgenic plants contain a hybrid sequence capable of being expressed (transgene), comprising at least one coding region of an unedited mitochondrial gene of superior plants and a sequence capable of transferring the protein expressed by said coding region, to the mitochondrion, said hybrid sequence being capable of modifying the male fertility of plants having incorporated said transgene, while leaving the other phenotype characteristics of said plants unaltered.

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IPC 8 full level
A01H 5/00 (2006.01); **C12N 9/02** (2006.01); **C12N 9/14** (2006.01); **C12N 15/09** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01); **C12R 1/865** (2006.01)

CPC (source: EP US)
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