

Title (en)

TRANSFORMATION, SELECTION, AND SCREENING OF SEQUENCE-SHUFFLED POLYNUCLEOTIDES FOR DEVELOPMENT AND OPTIMIZATION OF PLANT PHENOTYPES

Title (de)

TRANSFORMATION, SELEKTION UND SCREENING VON SEQUENZDURCHMISCHTEN POLYNUKLEOTIDEN ZUR ENTWICKLUNG UND OPTIMIERUNG VON PFLANZENPHÄNOTYPEN.

Title (fr)

TRANSFORMATION, SELECTION ET CRIBLAGE DE POLYNUCLEOTIDES A SEQUENCES REMANIEES PERMETTANT DE CREER ET D'OPTIMISER DES PHENOTYPES DE PLANTES

Publication

EP 1109889 A1 20010627 (EN)

Application

EP 99943983 A 19990830

Priority

- US 9919732 W 19990830
- US 9852898 P 19980831

Abstract (en)

[origin: WO0012680A1] The invention relates to methods and compositions for generating, modifying, adapting, and optimizing polynucleotide sequences that confer detectable phenotypic properties on plant species, and related aspects.

IPC 1-7

C12N 5/04; C12N 15/29; C12N 15/82; A01H 4/00

IPC 8 full level

C07K 14/415 (2006.01); **C12N 9/10** (2006.01); **C12N 15/10** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C07K 14/415 (2013.01); **C12N 9/1092** (2013.01); **C12N 15/1058** (2013.01); **C12N 15/1079** (2013.01); **C12N 15/8241** (2013.01);
C12N 15/8275 (2013.01)

Citation (search report)

See references of WO 0012680A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0012680 A1 20000309; AU 5696899 A 20000321; EP 1109889 A1 20010627

DOCDB simple family (application)

US 9919732 W 19990830; AU 5696899 A 19990830; EP 99943983 A 19990830