

Title (en)

METHODS AND GENE PRODUCTS FOR ALTERING THE SHAPE OF CELLS AND ORGANS IN PLANTS

Title (de)

VERFAHREN UND GENPRODUKTE ZUM VERÄNDERN DER FORM VON ZELLEN UND ORGANEN AUS PFLANZEN

Title (fr)

PROCEDES ET PRODUITS GENIQUES DESTINES A MODIFIER LA FORME DES CELLULES ET DES ORGANES DES PLANTES

Publication

EP 1181370 A1 20020227 (EN)

Application

EP 00929586 A 20000526

Priority

- FI 0000475 W 20000526
- FI 991201 A 19990527

Abstract (en)

[origin: WO0073461A1] The present invention is related to GEG-like genes and their gene products capable of controlling the direction and dimensions of cell growth. These genes and gene products can be applied for altering the size shape of plant cells and/or organs. An expansion in either radial growth or longitudinal growth of the plant cell is desirable. Said genes and gene products are useful in agriculture, horticulture and forestry for manufacturing renewable plant-derived raw-material structures more convenient, advantageous and applicable in the respective application.

IPC 1-7

C12N 15/29

IPC 8 full level

C12N 15/09 (2006.01); **C07K 14/415** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C07K 14/415 (2013.01); **C12N 15/8233** (2013.01); **C12N 15/8238** (2013.01); **C12N 15/8261** (2013.01); **Y02A 40/146** (2017.12)

Citation (search report)

See references of WO 0073461A1

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 0073461 A1 20001207; AU 4760900 A 20001218; CA 2371597 A1 20001207; EP 1181370 A1 20020227; FI 991201 A0 19990527; JP 2003501036 A 20030114

DOCDB simple family (application)

FI 0000475 W 20000526; AU 4760900 A 20000526; CA 2371597 A 20000526; EP 00929586 A 20000526; FI 991201 A 19990527; JP 2001500773 A 20000526