

Title (en)

METHOD FOR CONTROLLING THE DIVISION AND/OR ELONGATION OF EUKARIOTIC CELLS

Title (de)

VERFAHREN ZUR KONTROLLE DER TEILUNG UND/ODER STRECKUNG EUKARYOTISCHER ZELLEN

Title (fr)

PROCEDE DE CONTROLE DE LA DIVISION ET/OU DE L'ELONGATION DE CELLULES EUCARYOTES

Publication

EP 1044272 A2 20001018 (FR)

Application

EP 99900506 A 19990108

Priority

- FR 9900021 W 19990108
- FR 9800162 A 19980109

Abstract (en)

[origin: FR2773563A1] The invention concerns a method for controlling the division and/or elongation of eukariotic cells, and in particular plant cells, by modifying the expression and/or the activity of a TONNEAU1 protein in said cells. Said medhod enables in particular to act on the size of plants, or of their organs. The modification of the expression and/or the activity of the TONNEAU1 protein can for example, be carried out via a gene coding for said protein, or sequences controlling its expression, or by using said protein inhibitors of activators.

IPC 1-7

C12N 15/29; **C12N 15/82**; **C12N 15/11**; **C12N 5/10**; **A01H 5/00**

IPC 8 full level

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

CPC (source: EP)

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

Citation (search report)

See references of WO 9935269A2

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)

FR 2773563 A1 19990716; **FR 2773563 B1 20000310**; AU 1973799 A 19990726; CA 2318521 A1 19990715; EP 1044272 A2 20001018; WO 9935269 A2 19990715; WO 9935269 A3 19990916

DOCDB simple family (application)

FR 9800162 A 19980109; AU 1973799 A 19990108; CA 2318521 A 19990108; EP 99900506 A 19990108; FR 9900021 W 19990108