

Title (en)
PLANT CENTROMERES

Title (de)
PFLANZEN-CENTROMERE

Title (fr)
COMPOSITIONS DE CHROMOSOMES VEGETAUX ET METHODES

Publication
EP 1165792 A2 20020102 (EN)

Application
EP 00916559 A 20000317

Priority

- US 0007392 W 20000317
- US 12521999 P 19990318
- US 12740999 P 19990401
- US 13477099 P 19990518
- US 15358499 P 19990913
- US 15460399 P 19990917
- US 17249399 P 19991216

Abstract (en)
[origin: WO0055325A2] The present invention provides for the identification and cloning of functional plant centromeres in Arabidopsis. This will permit construction of stably inherited minichromosomes which can serve as vectors for the construction of transgenic plant and animal cells. In addition, information on the structure and function of these regions will prove valuable in isolating additional centrometric and centromere related genetic elements and polypeptides from other species.

IPC 1-7
C12N 15/29; C12N 15/82; C07K 14/415

IPC 8 full level
A01H 1/02 (2006.01); **A01H 1/06** (2006.01); **A01H 5/00** (2006.01); **C07K 14/415** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP US)
A01H 1/06 (2013.01 - EP); **C12N 15/82** (2013.01 - EP); **C12N 15/8201** (2013.01 - EP); **C12N 15/8213** (2013.01 - EP US)

Citation (search report)
See references of WO 0055325A2

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 0055325 A2 20000921; WO 0055325 A3 20010823; WO 0055325 A9 20100107; BR 0009119 A 20011226; CA 2362897 A1 20000921; CA 2904855 A1 20000921; EP 1165792 A2 20020102; JP 2004512806 A 20040430; JP 2011125354 A 20110630

DOCDB simple family (application)
US 0007392 W 20000317; BR 0009119 A 20000317; CA 2362897 A 20000317; CA 2904855 A 20000317; EP 00916559 A 20000317; JP 2000605743 A 20000317; JP 2011076545 A 20110330