

Title (en)
PLANT CENTROMERE COMPOSITIONS

Title (de)
PFLANZENZENTROMERZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS A BASE DE CENTROMERES DE VEGETAUX

Publication
EP 1644510 A4 20071024 (EN)

Application
EP 03817686 A 20030627

Priority
US 0320381 W 20030627

Abstract (en)
[origin: WO2005010142A2] The present invention provides for the nucleic acid sequences of plant centromeres. This will permit construction of stably inherited recombinant DNA constructs and minichromosomes which can serve as vectors for the construction of transgenic plant and animal cells.

IPC 8 full level
C12N 15/82 (2006.01); **A01H 5/00** (2006.01); **A01H 9/00** (2006.01); **A01H 11/00** (2006.01); **C07H 21/00** (2006.01); **C12N 15/10** (2006.01); **C12N 15/87** (2006.01); **C12Q 1/68** (2006.01)

IPC 8 main group level
C12N (2006.01)

CPC (source: EP)
C12N 15/82 (2013.01); **C12Q 1/6895** (2013.01); **C12Q 2600/156** (2013.01); **C12Q 2600/158** (2013.01)

Citation (search report)

- [X] WO 0200842 A2 20020103 - UNIV CHICAGO [US], et al
- [X] WO 0100858 A1 20010104 - WISCONSIN ALUMNI RES FOUND [US]
- [X] WO 0055325 A2 20000921 - UNIV CHICAGO [US], et al
- [X] WO 0212555 A2 20020214 - DOSAGENE R & D [FR], et al
- [X] US 5869294 A 19990209 - HARRINGTON JOHN J [US], et al
- [X] WO 9640965 A1 19961219 - BOKKELEN GIL B VAN [US], et al
- [X] WO 0018941 A1 20000406 - MEDICAL RES COUNCIL [GB], et al
- [X] US 2003033617 A1 20030213 - HADLACZKY GYULA [HU], et al
- [X] WO 02081710 A1 20021017 - US GOV HEALTH & HUMAN SERV [US], et al
- [E] WO 2005010187 A1 20050203 - CHROMATIN INC [US]
- See references of WO 2005010142A2

Citation (examination)
RICHARDS E J ET AL: "Plant centromeres: structure and control.", CURRENT OPINION IN PLANT BIOLOGY APR 1998, vol. 1, no. 2, April 1998 (1998-04-01), pages 130 - 135, ISSN: 1369-5266

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005010142 A2 20050203; WO 2005010142 A3 20050609; WO 2005010142 A8 20051020; AU 2003276839 A1 20050214; AU 2003276839 A8 20050214; AU 2003276839 B2 20101202; AU 2010241309 A1 20101125; AU 2010241309 B2 20120216; BR 0318377 A 20060725; CA 2532809 A1 20050203; EP 1644510 A2 20060412; EP 1644510 A4 20071024; EP 2357240 A1 20110817

DOCDB simple family (application)
US 0320381 W 20030627; AU 2003276839 A 20030627; AU 2010241309 A 20101108; BR 0318377 A 20030627; CA 2532809 A 20030627; EP 03817686 A 20030627; EP 10011419 A 20030627