

Title (en)

GENES REGULATING THE RESPONSE OF ZEA MAYS TO WATER DEFICIT

Title (de)

GENE DIE, DIE REAKTION VON ZEA MAYS AUF WASSERDEFIZIT REGULIEREN

Title (fr)

GENES REGULANT LA REPONSE DES MAIS AU DEFICIT HYDRIQUE

Publication

EP 0759076 A1 19970226 (EN)

Application

EP 95917777 A 19950428

Priority

- US 9505366 W 19950428
- US 23506094 A 19940429

Abstract (en)

[origin: WO9530005A1] The present invention involves the identification and characterization of genes involved in the response of maize plants to water stress. A mutant allele of the wilt gene was identified by transposon tagging and demonstrated to correlate with a mutants phenotype of wilting under normal water conditions.

IPC 1-7

C12N 15/29; C12N 15/82; 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 15/8273** (2013.01)

Citation (search report)

See references of WO 9530005A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9530005 A1 19951109; AU 2371495 A 19951129; AU 697810 B2 19981015; CA 2190597 A1 19951109; EP 0759076 A1 19970226; IL 113550 A0 19950731; ZA 953474 B 19960410

DOCDB simple family (application)

US 9505366 W 19950428; AU 2371495 A 19950428; CA 2190597 A 19950428; EP 95917777 A 19950428; IL 11355095 A 19950430; ZA 953474 A 19950428