

Title (en)
MODIFIED PHOSPHOENOLPYRUVATE CARBOXYLASE FOR IMPROVEMENT AND OPTIMIZATION OF PLANT PHENOTYPES

Title (de)
MODIFIZIERTE PHOSPHOENOLPYRUVAT CARBOXYLASE ZUR VERBESSERUNG UND OPTIMIERUNG DES PHENOTYPS VON PFLANZEN

Title (fr)
PHOSPHOENOLPYRUVATE CARBOXYLASE MODIFIEE PERMETTANT D'AMELIORER ET D'OPTIMISER DES PHENOTYPES VEGETAUX

Publication
EP 1129185 A1 20010905 (EN)

Application
EP 99960303 A 19991109

Priority
• US 9926771 W 19991109
• US 10775798 P 19981110

Abstract (en)
[origin: WO0028017A1] The invention provides methods and compositions relating to sequence-shuffled variants of PEP carboxylase in plants and microorganisms.

IPC 1-7
C12N 15/10; **C12Q 1/527**; **C12Q 1/68**; **C12N 5/10**; **A01H 5/00**; **C12N 15/60**

IPC 8 full level
C12N 9/88 (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)
C12N 9/88 (2013.01); **C12N 15/8243** (2013.01); **C12N 15/8245** (2013.01)

Citation (search report)
See references of WO 0028017A1

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 0028017 A1 20000518; AU 1720300 A 20000529; EP 1129185 A1 20010905

DOCDB simple family (application)
US 9926771 W 19991109; AU 1720300 A 19991109; EP 99960303 A 19991109