

Title (en)  
TRANSGENIC PLANTCELLS AND PLANTS HAVING AN INCREASED GLYCOLYSIS RATE

Title (de)  
TRANSGENE PFLANZENZELLEN UND PFLANZEN MIT GESTEIGERTER GLYKOLYSERATE

Title (fr)  
CELLULES VEGETALES TRANSGENIQUES ET PLANTES A TAUX DE GLYCOLYSE AUGMENTE

Publication  
**EP 0846180 A1 19980610 (DE)**

Application  
**EP 96928432 A 19960808**

Priority  
• DE 19529696 A 19950811  
• EP 9603514 W 19960808

Abstract (en)  
[origin: DE19529696A1] The invention concerns transgenic plant cells and plants having an increased glycolysis rate. The glycolysis rate is increased by the introduction and expression in plant cells of a DNA sequence which codes for an invertase, preferably a deregulated or unregulated invertase, and a DNA sequence which codes for a hexokinase, preferably a deregulated or unregulated hexokinase. The invention further concerns processes and recombinant DNA molecules for producing plant cells and plants having an increased glycolysis rate.

IPC 1-7  
**C12N 15/82**; **C12N 15/54**; **C12N 15/55**; **A01H 5/00**

IPC 8 full level  
**A01H 5/00** (2006.01); **C12N 5/10** (2006.01); **C12N 9/12** (2006.01); **C12N 9/26** (2006.01); **C12N 15/09** (2006.01); **C12N 15/54** (2006.01); **C12N 15/56** (2006.01); **C12N 15/82** (2006.01); **C12R 1/865** (2006.01)

CPC (source: EP)  
**C12N 9/1205** (2013.01); **C12N 9/2408** (2013.01); **C12N 15/8242** (2013.01); **C12N 15/8245** (2013.01); **C12N 15/8261** (2013.01); **Y02A 40/146** (2017.12)

Citation (search report)  
See references of WO 9707221A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI NL

DOCDB simple family (publication)  
**DE 19529696 A1 19970213**; AU 6820496 A 19970312; AU 719452 B2 20000511; BR 9610227 A 19991221; CA 2229061 A1 19970227; CN 1196090 A 19981014; EP 0846180 A1 19980610; JP 2001506123 A 20010515; WO 9707221 A1 19970227

DOCDB simple family (application)  
**DE 19529696 A 19950811**; AU 6820496 A 19960808; BR 9610227 A 19960808; CA 2229061 A 19960808; CN 96196914 A 19960808; EP 9603514 W 19960808; EP 96928432 A 19960808; JP 50891597 A 19960808