

Title (en)

METHOD FOR INCREASING THE CONTENT IN SULPHUR COMPOUNDS AND PARTICULARLY IN CYSTEINE, METHIONINE AND GLUTATHIONE IN PLANTS AND PLANTS OBTAINED

Title (de)

VERFAHREN ZUR ERHÖHUNG DES GEHALTES AN CYSTEIN, METHIONIN UND GLUTATHION IN PFLANZEN UND ERHALTENE PFLANZEN

Title (fr)

PROCEDE POUR AUGMENTER LA TENEUR EN COMPOSES SOUFRES ET NOTAMMENT EN CYSTEINE, METHIONINE ET GLUTATHION CHEZ LES PLANTES ET PLANTES OBTENUES

Publication

EP 1141349 A1 20011010 (FR)

Application

EP 99961099 A 19991217

Priority

- FR 9903179 W 19991217
- FR 9816163 A 19981217

Abstract (en)

[origin: CA2355255A1] The invention concerns a method for increasing the production of cysteine, methionine, glutathione and their derivatives in plant cells and plants. Said method consists in over-expression of a serine acetyltransferase (SAT) in the plant cells. The invention also concerns plants containing said plant cells.

IPC 1-7

C12N 15/82; C12N 5/10; A01H 5/00; C12N 9/10

IPC 8 full level

C12N 9/10 (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C12N 9/1029 (2013.01); **C12N 15/8251** (2013.01); **C12N 15/8253** (2013.01); **C12N 15/8254** (2013.01); **C12N 15/8271** (2013.01)

Citation (search report)

See references of WO 0036127A1

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)

FR 2787466 A1 20000623; FR 2787466 B1 20010216; AR 028807 A1 20030528; AU 1783000 A 20000703; AU 773031 B2 20040513;
BR 9916968 A 20020108; CA 2355255 A1 20000622; EP 1141349 A1 20011010; WO 0036127 A1 20000622

DOCDB simple family (application)

FR 9816163 A 19981217; AR P990106473 A 19991216; AU 1783000 A 19991217; BR 9916968 A 19991217; CA 2355255 A 19991217;
EP 99961099 A 19991217; FR 9903179 W 19991217