

Title (en)
STEROL GLYCOSYL TRANSFERASES

Title (de)
STEROL-GLYCOSYLTRANSFERASEN

Title (fr)
STEROL-GLYCOSYL TRANSFERASES

Publication
EP 0948603 A1 19991013 (DE)

Application
EP 97945740 A 19971010

Priority
• DE 9702335 W 19971010
• DE 19643309 A 19961021

Abstract (en)
[origin: DE19744873A1] An isolated DNA fragment or recombinant DNA construct (I) that contains a sequence encoding all or at least part of a sterol glycosyltransferase (SGT), is new. Also new are: (1) proteins (A) encoded by specified (I); (2) plasmids, viruses and other vectors containing (I); (3) genomic clones containing (part of) a gene corresponding to (I); (4) a chimeric gene (CG) that, in transformed cells, can change the content of SGT; (5) transfected cells, microorganisms, plants or plant parts containing CG; (6) steryl glycosides (SG) or secondary metabolites produced by the cells etc. of (5), (7) analogues (Ia) of (I); (8) a chimeric gene (CG') containing (Ia); (9) transfected cells containing CG'; (10) organisms, particularly bacteria and yeast, in which a gene for SGT is deleted or interrupted by transfection with CG'; (11) SGT, or their fragments or fusion proteins, produced by any of (5), (9) and (10); and (12) antisera and antibodies or their fragments raised against the proteins of (11).

IPC 1-7
C12N 9/10; C12N 15/62; C12N 15/63; C12N 15/82; C12P 33/00; C12Q 1/68; C07K 16/40; A01H 5/00

IPC 8 full level
C12N 1/19 (2006.01); **C12N 1/21** (2006.01); **C12N 9/10** (2006.01); **C12N 15/54** (2006.01); **C12N 15/82** (2006.01); **C12P 33/00** (2006.01)

CPC (source: EP US)
C12N 9/1051 (2013.01 - EP US); **C12N 15/8273** (2013.01 - EP US); **C12N 15/8282** (2013.01 - EP US); **C12P 33/00** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US)

Citation (search report)
See references of WO 9817789A1

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

DOCDB simple family (publication)
DE 19744873 A1 19980514; AU 5115798 A 19980515; AU 734190 B2 20010607; CA 2268816 A1 19980430; EP 0948603 A1 19991013; US 6498239 B1 20021224; WO 9817789 A1 19980430

DOCDB simple family (application)
DE 19744873 A 19971010; AU 5115798 A 19971010; CA 2268816 A 19971010; DE 9702335 W 19971010; EP 97945740 A 19971010; US 28476899 A 19990818