

Title (en)
STREPTOCOCCUS ANTIGENS

Title (de)
ANTIGENE AUS STREPTOCOCCUS

Title (fr)
ANTIGENES DE STREPTOCOQUE

Publication
EP 1303612 A2 20030423 (EN)

Application
EP 01949136 A 20010619

Priority
• CA 0100908 W 20010619
• US 21268300 P 20000620

Abstract (en)
[origin: WO0198334A2] Streptococcus polypeptides and polynucleotides encoding them are disclosed. Said polypeptides may be useful vaccine components for the prophylaxis or therapy of streptococcus infection in animals. Also disclosed are recombinant methods of producing the protein antigens as well as diagnostic assays for detecting streptococcus bacterial infection.

IPC 1-7
C12N 15/31; **C12N 15/63**; **C07K 14/315**; **A61K 39/09**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 39/00** (2006.01); **A61K 39/02** (2006.01); **A61K 39/39** (2006.01); **A61P 11/00** (2006.01); **A61P 27/16** (2006.01); **A61P 31/04** (2006.01); **C07K 14/315** (2006.01); **C07K 19/00** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12P 21/02** (2006.01)

CPC (source: EP KR)
A61P 11/00 (2018.01 - EP); **A61P 25/00** (2018.01 - EP); **A61P 27/16** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 31/00** (2018.01 - EP); **A61P 31/04** (2018.01 - EP); **A61P 37/04** (2018.01 - EP); **C07K 14/315** (2013.01 - EP); **C12N 15/11** (2013.01 - KR); **A61K 39/00** (2013.01 - EP KR)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0198334 A2 20011227; **WO 0198334 A3 20020906**; AR 033980 A1 20040121; AU 2001270381 B2 20070524; AU 7038101 A 20020102; CA 2413450 A1 20011227; CA 2413450 C 20140218; CN 101260149 A 20080910; CN 101260149 B 20160511; CN 1449446 A 20031015; CZ 2003154 A3 20030618; EA 006232 B1 20051027; EA 200201280 A1 20030626; EP 1303612 A2 20030423; EP 2281891 A2 20110209; EP 2281891 A3 20110817; HU 228706 B1 20130528; HU P0301656 A2 20030828; HU P0301656 A3 20041028; IL 153558 A0 20030706; IL 153558 A 20110731; JP 2004501618 A 20040122; JP 2012187110 A 20121004; JP 5051959 B2 20121017; JP 5889103 B2 20160322; KR 100927767 B1 20091120; KR 20030013450 A 20030214; MX PA03000103 A 20030619; NO 20026121 D0 20021219; NO 20026121 L 20030213; NO 331103 B1 20111010; NZ 553554 A 20081128; PL 214229 B1 20130731; PL 360413 A1 20040906; TR 200704553 T2 20071121; UY 26783 A1 20020131

DOCDB simple family (application)
CA 0100908 W 20010619; AR P010102945 A 20010620; AU 2001270381 A 20010619; AU 7038101 A 20010619; CA 2413450 A 20010619; CN 01814388 A 20010619; CN 200710181645 A 20010619; CZ 2003154 A 20010619; EA 200201280 A 20010619; EP 01949136 A 20010619; EP 10179497 A 20010619; HU P0301656 A 20010619; IL 15355801 A 20010619; IL 15355802 A 20021219; JP 2002504289 A 20010619; JP 2012117846 A 20120523; KR 20027017453 A 20010619; MX PA03000103 A 20010619; NO 20026121 A 20021219; NZ 55355401 A 20010619; PL 36041301 A 20010619; TR 200704553 T 20010619; UY 26783 A 20010620