

Title (en)
STREPTOCOCCAL GENES

Title (de)
STREPTOKOKKEN-GENE

Title (fr)
GENES STREPTOCOCCIQUES

Publication
EP 1330473 A2 20030730 (EN)

Application
EP 01976527 A 20011026

Priority

- GB 0104749 W 20011026
- GB 0026231 A 20001026
- GB 0028345 A 20001121
- GB 0102666 A 20010202
- US 28811801 P 20010502

Abstract (en)
[origin: WO0234773A2] Peptides derived from *S. pneumoniae* are identified as virulence determinants and may be useful in the preparation of vaccines for the treatment of infection. The peptides may be used as antigens or in the preparation of attenuated microorganisms for use as live oral vaccines.

IPC 1-7
C07K 14/315; **C12N 1/21**; **C12N 15/63**; **A61K 39/09**; **C07K 16/12**

IPC 8 full level
C07K 14/315 (2006.01); **C12N 1/21** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP)
C07K 14/315 (2013.01); **A61K 38/00** (2013.01); **A61K 39/00** (2013.01); **A61K 2039/522** (2013.01); **A61K 2039/53** (2013.01)

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 0234773 A2 20020502; **WO 0234773 A3 20030313**; AU 9579501 A 20020506; CA 2426738 A1 20020502; EP 1330473 A2 20030730

DOCDB simple family (application)
GB 0104749 W 20011026; AU 9579501 A 20011026; CA 2426738 A 20011026; EP 01976527 A 20011026