

Title (en)
1-AMINOETHYLQUINOLINE DERIVATIVES FOR TREATING URINARY INCONTINENCE

Title (de)
1-AMINOETHYLCHINOLINDERIVATE ZUR BEHANDLUNG VON HARNINKONTINENZ

Title (fr)
DERIVES DE 1-AMINOETHYLQUINOLEINE POUR LE TRAITEMENT DE L'INCONTINENCE URINAIRE

Publication
EP 1131293 A1 20010912 (FR)

Application
EP 99972204 A 19991110

Priority
• FR 9902760 W 19991110
• FR 9814398 A 19981117

Abstract (en)
[origin: FR2785903A1] The invention concerns compounds of general formula (I) wherein: A represents a hydrogen atom, an azido, a halogen, a hydroxy, a thiol, an amino, a phenyl, a C1-C6 alkyl, C1-C6 alkylamino, di(C1-C6 alkyl)amino, hydroxylamine, C1-C6 alkyl hydroxylamine, N, O-C1-C6 dialkyl hydroxylamine, C1-C6 alkoxy or C1-C6 alkylsulphanyl group; B and D represent independently of each other a hydrogen atom, a phenyl, a C1-C6 alkyl, C2-C6 alkenyl, C1-C6 fluoroalkyl or C1-C6 perfluoroalkyl group, or together form an oxo; R1 represents a hydrogen atom, a halogen, a carbonyl, a cyano, a carboxamide, a C1-C6 alkyl, C2-C6 alkenyl, C3-C6 cycloalkyl, C1-C6 alkoxy, C1-C6 hydroxyalkyl, C1-C6 alkoxy, C1-C6 alkoxy C1-C6 alkyl, C1-C6 fluoroalkyl, C1-C2 perfluoroalkyl or CF3(OH)CH group, or R1 and R2 together form, with the carbons whereto they are bound a phenyl; R5 and R6 represent, independently of each other, a hydrogen atom, a C1-C6 alkyl, C2-C6 alkenyl, C3-C6 cycloalkyl, C3-C6 cyloalkenyl, C1-C6 fluoroalkyl, C1-C2 perfluoroalkyl group or R5 and R6 together form a C2-C6 alkylene, C3-C6 alkenylene chain to produce with the nitrogen whereto they are bound a heterocycle, said heterocycle being optionally substituted by a C1-C4 alkyl group. The invention has therapeutic applications.

IPC 1-7
C07D 215/14; **A61K 31/47**; **C07D 219/02**; **C07D 215/18**

IPC 8 full level
A61K 31/47 (2006.01); **A61P 9/00** (2006.01); **A61P 13/00** (2006.01); **A61P 13/10** (2006.01); **C07D 215/14** (2006.01); **C07D 215/18** (2006.01); **C07D 219/02** (2006.01)

CPC (source: EP US)
A61P 9/00 (2017.12 - EP); **A61P 13/00** (2017.12 - EP); **A61P 13/10** (2017.12 - EP); **C07D 215/14** (2013.01 - EP US); **C07D 215/18** (2013.01 - EP US); **C07D 219/02** (2013.01 - EP US)

Citation (search report)
See references of WO 0029379A1

Cited by
US6808274B2; US6789901B1; US6897892B2; US7227515B2

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 2785903 A1 20000519; **FR 2785903 B1 20021025**; AU 1166000 A 20000605; EP 1131293 A1 20010912; JP 2002529533 A 20020910; US 6331549 B1 20011218; WO 0029379 A1 20000525

DOCDB simple family (application)
FR 9814398 A 19981117; AU 1166000 A 19991110; EP 99972204 A 19991110; FR 9902760 W 19991110; JP 2000582366 A 19991110; US 83144201 A 20010509