

Title (en)
3,6-DISUBSTITUTED PENAM SULFONE DERIVATIVES AS ANTIBACTERIALS

Title (de)
3,6-DISUBSTITUIERTE PENAMSULFONDERIVATE ALS ANTIBAKTERIELLE MITTEL

Title (fr)
DERIVES DE PENAME SULFONE 3,6-DISUBSTITUES COMME ANTIBACTERIENS

Publication
EP 1144418 A1 20011017 (EN)

Application
EP 00904498 A 20000126

Priority
• US 0001630 W 20000126
• US 23772699 A 19990126

Abstract (en)
[origin: WO0043399A1] Compounds are provided having formulae (I) and (II) wherein n is 0 or 1 and when n=1, R is a 5 or 6 membered heterocyclic ring, hydroxy, halogen, oxo, carbamoyl, alkoxy, or disubstituted amino, when n=0, R is an ester, cyano or amide group; X is CH or NH; R3 is cyano, methoxy, or acetamido; R1 is hydrogen, alkyl, a negative charge, a cation selected from the group consisting of sodium, potassium and tetraalkylammonium and acyloxyalkyl, or alkoxycarbonyloxyalkyl; and R2 is hydrogen, acyl, trisubstituted silyl carbamoyl or an amino acid residue; or pharmaceutically acceptable salts thereof.

IPC 1-7
C07D 499/87; **A61K 31/43**; **A61P 31/04**

IPC 8 full level
A61K 31/43 (2006.01); **A61K 31/431** (2006.01); **A61P 31/04** (2006.01); **C07D 499/00** (2006.01); **C07D 499/04** (2006.01); **C07D 499/86** (2006.01); **C07D 499/87** (2006.01); **C07D 499/897** (2006.01)

CPC (source: EP KR)
A61P 31/04 (2018.01 - EP); **C07D 499/00** (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

DOCDB simple family (publication)
WO 0043399 A1 20000727; AU 2624600 A 20000807; BG 105737 A 20020531; BR 0007729 A 20011030; CA 2355738 A1 20000727; CN 1188417 C 20050209; CN 1337965 A 20020227; CZ 20012691 A3 20020612; EA 200100813 A1 20030227; EP 1144418 A1 20011017; HK 1038747 A1 20020328; HU P0200013 A2 20020529; HU P0200013 A3 20021028; ID 29400 A 20010830; IL 144116 A0 20020523; JP 2002535335 A 20021022; KR 20010101649 A 20011114; NO 20013640 D0 20010724; NO 20013640 L 20010724; PL 349874 A1 20020923; SK 10142001 A3 20020702; TR 200102133 T2 20011221; ZA 200104323 B 20020826

DOCDB simple family (application)
US 0001630 W 20000126; AU 2624600 A 20000126; BG 10573701 A 20010726; BR 0007729 A 20000126; CA 2355738 A 20000126; CN 00803076 A 20000126; CZ 20012691 A 20000126; EA 200100813 A 20000126; EP 00904498 A 20000126; HK 02100179 A 20020110; HU P0200013 A 20000126; ID 20011522 A 20000126; IL 14411600 A 20000126; JP 2000594815 A 20000126; KR 20017009276 A 20010724; NO 20013640 A 20010724; PL 34987400 A 20000126; SK 10142001 A 20000126; TR 200102133 T 20000126; ZA 200104323 A 20010525