

Title (en)

CEPHALOSPORINS AND HOMOLOGUES, PREPARATIONS AND PHARMACEUTICAL COMPOSITIONS.

Title (de)

CEPHALOSPORINE, DEREN HOMOLOGE, ZUBEREITUNGEN UND PHARMAZEUTISCHE ZUSAMMENSETZUNGEN.

Title (fr)

CEPHALOSPORINES ET HOMOLOGUES, PREPARATIONS ET COMPOSITIONS PHARMACEUTIQUES.

Publication

**EP 0540606 A1 19930512 (EN)**

Application

**EP 91913545 A 19910722**

Priority

- GB 9016189 A 19900724
- GB 9109540 A 19910502

Abstract (en)

[origin: WO9201696A1] beta -Lactam antibiotics of formula (I) or a salt thereof, wherein R<1> is hydrogen, methoxy or formamido; R<2> is an acyl group; CO2R<3> is a carboxy group or a carboxylate anion, or R<3> is a readily removable carboxy protecting group; R<4> represents up to four substituents; X is S, SO, SO2, O or CH2; m is 1 or 2; and n is 0, useful in the treatment of bacterial infections in humans and animals.

Abstract (fr)

Composés correspondant à la formule (I) ou un de leurs sels, procédés de préparation, leur utilisation comme antibiotiques et leurs intermédiaires. Dans la formule, R1 représente hydrogène, méthoxy ou formamido; R2 représente un groupe acyle, en particulier celui d'une céphalosporine à efficacité antibactérienne; CO2R3 représente un groupe carboxy ou un anion de carboxylate, ou R3 représente un groupe de protection carboxy pouvant se retirer instantanément; R4 représente jusqu'à quatre substituants qui peuvent être semblables ou différents; m représente 1 ou 2 et n représente 1.

IPC 1-7

**A61K 31/545; C07D 463/00; C07D 498/053; C07D 501/18; C07D 501/20**

IPC 8 full level

**A61K 31/545** (2006.01); **A61K 31/397** (2006.01); **A61K 31/546** (2006.01); **A61P 31/04** (2006.01); **C07D 205/08** (2006.01); **C07D 205/09** (2006.01); **C07D 463/00** (2006.01); **C07D 501/00** (2006.01); **C07D 501/04** (2006.01); **C07D 501/06** (2006.01); **C07D 501/08** (2006.01); **C07D 501/18** (2006.01); **C07D 501/20** (2006.01); **C07D 501/24** (2006.01); **C07D 501/48** (2006.01); **C07D 501/50** (2006.01); **C07D 501/52** (2006.01); **C07D 501/54** (2006.01); **C07D 501/56** (2006.01); **C07D 505/00** (2006.01)

IPC 8 main group level

**C07D** (2006.01)

CPC (source: EP KR)

**A61P 31/04** (2017.12 - EP); **C07D 463/22** (2013.01 - EP); **C07D 501/00** (2013.01 - EP); **C07D 501/20** (2013.01 - KR); **Y02P 20/55** (2015.11 - EP)

Citation (search report)

See references of WO 9201695A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**WO 9201696 A1 19920206**; AP 832 A 20000503; AP 9100305 A0 19910731; AT E185567 T1 19991015; AU 648329 B2 19940421; AU 8222491 A 19920218; CA 2087967 A1 19920125; CA 2087967 C 20020910; CA 2359744 A1 19920206; CA 2359744 C 20070213; CN 1060469 A 19920422; CN 1061046 C 20010124; CN 1111410 C 20030618; CN 1223859 A 19990728; CZ 6493 A3 19940413; DE 122006000065 I1 20070301; DE 122006000065 I2 20070913; DE 69131714 D1 19991118; DE 69131714 T2 20000224; DK 0540609 T3 19991227; EP 0540606 A1 19930512; EP 0540609 A1 19930512; EP 0540609 B1 19991013; ES 2137162 T3 19991216; FI 930270 A0 19930122; FI 930270 A 19930322; GR 3031711 T3 20000229; HU 9300177 D0 19930428; HU T63628 A 19930928; IE 912569 A1 19920129; IL 98909 A0 19920715; JP 2851428 B2 19990127; JP H05509089 A 19931216; JP H05509305 A 19931222; KR 100189075 B1 19990601; KR 930701456 A 19930611; LU 91290 I2 20070122; MX 9100317 A 19920228; MY 106399 A 19950530; NL 300249 I1 20070201; NL 300249 I2 20070201; NO 930226 D0 19930122; NO 930226 L 19930323; NZ 239061 A 19931125; PT 98426 A 19920529; WO 9201695 A1 19920206; YU 129691 A 19940120

DOCDB simple family (application)

**GB 9101228 W 19910722**; AP 9100305 A 19910722; AT 91913583 T 19910722; AU 8222491 A 19910722; CA 2087967 A 19910722; CA 2359744 A 19910722; CN 91105783 A 19910724; CN 98122407 A 19981114; CS 649391 A 19910722; DE 122006000065 C 19910722; DE 69131714 T 19910722; DK 91913583 T 19910722; EP 91913545 A 19910722; EP 91913583 A 19910722; ES 91913583 T 19910722; FI 930270 A 19930122; GB 9101227 W 19910722; GR 990402803 T 19991103; HU 17793 A 19910722; IE 256991 A 19910722; IL 9890991 A 19910722; JP 51225591 A 19910722; JP 51236891 A 19910722; KR 930700216 A 19930125; LU 91290 C 20061122; MX 9100317 A 19910722; MY PI19911321 A 19910716; NL 300249 C 20061127; NO 930226 A 19930122; NZ 23906191 A 19910722; PT 9842691 A 19910723; YU 129691 A 19910723