

Title (en)
PREPARATION OF BETA-LACTAM ANTIBIOTICS IN THE PRESENCE OF UREA OR AMIDE

Title (de)
HERSTELLUNG VON BETA-LAKTAM-ANTIBIOTIKA IN ANWESENHEIT VON HARNSTOFF ODER AMID

Title (fr)
PREPARATION DE BETA-LACTAMINES EN PRESENCE D'UREE ET D'AMIDE

Publication
EP 1073663 A1 20010207 (EN)

Application
EP 99917237 A 19990427

Priority

- EP 99917237 A 19990427
- EP 98201399 A 19980429
- NL 9900247 W 19990427

Abstract (en)
[origin: EP0953569A1] A process for the preparation of beta -lactam compounds has been described wherein before the addition of a base, urea or derivatives thereof and/or amide or derivatives has been added to (a) before an acid hydrolysis of the Dane salt coupling reaction mixture resulting from acylation of 6-amino-penicillanic acid, 7-amino-cephalosporanic acid or 7-amino-3'-desacetoxycephalosporanic acid and derivatives thereof at low temperature or to (b) a solution obtained by the addition of an acid to the crude beta -lactam antibiotic compound in water and/or one or more organic solvents.

IPC 1-7
C07D 499/12; C07D 501/06

IPC 8 full level
C07D 499/00 (2006.01); **C07D 499/12** (2006.01); **C07D 501/00** (2006.01); **C07D 501/06** (2006.01)

CPC (source: EP KR)
C07D 499/00 (2013.01 - EP KR); **C07D 501/00** (2013.01 - EP)

Citation (search report)
See references of WO 9955709A1

Designated contracting state (EPC)
AT BE ES FR GB IT NL

DOCDB simple family (publication)
EP 0953569 A1 19991103; AU 3539699 A 19991116; BR 9910576 A 20010109; CN 1298407 A 20010606; EP 1073663 A1 20010207; ID 26414 A 20001221; KR 20010043039 A 20010525; PE 20000436 A1 20000520; TR 200003135 T2 20010321; WO 9955709 A1 19991104

DOCDB simple family (application)
EP 98201399 A 19980429; AU 3539699 A 19990427; BR 9910576 A 19990427; CN 99805526 A 19990427; EP 99917237 A 19990427; ID 20002182 A 19990427; KR 20007011902 A 20001026; NL 9900247 W 19990427; PE 00034199 A 19990426; TR 200003135 T 19990427