

Title (en)

PROCESS TO CHIRAL BETA AMINO ACID DERIVATIVES BY ASYMMETRIC HYDROGENATION

Title (de)

VERFAHREN FÜR CHIRALE BETA-AMINOSÄUREN-DERIVATE DURCH ASYMMETRISCHE HYDRIERUNG

Title (fr)

PROCEDE DE TRANSFORMATION EN DERIVES CHIRAUX D'ACIDES AMINES BETA PAR L'HYDROGENATION ASYMETRIQUE

Publication

**EP 1856028 A1 20071121 (EN)**

Application

**EP 06719111 A 20060120**

Priority

- US 2006002147 W 20060120
- US 64669705 P 20050124

Abstract (en)

[origin: WO2006081151A1] The present invention relates to a process for the efficient preparation of enantiomerically enriched beta amino acid derivatives which are useful in the asymmetric synthesis of biologically active molecules. The process comprises an enantioselective hydrogenation of a prochiral beta amino acrylic acid derivative substrate in the presence of an ammonium salt and a transition metal precursor complexed with a chiral ferrocenyl diphosphine ligand.

IPC 8 full level

**C07C 227/32** (2006.01)

CPC (source: EP)

**C07D 487/04** (2013.01)

Citation (search report)

See references of WO 2006081151A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006081151 A1 20060803**; AR 052879 A1 20070411; AU 2006208297 A1 20060803; CA 2594494 A1 20060803; CN 101175714 A 20080507; EP 1856028 A1 20071121; JP 2008528503 A 20080731; TW 200637805 A 20061101

DOCDB simple family (application)

**US 2006002147 W 20060120**; AR P060100175 A 20060117; AU 2006208297 A 20060120; CA 2594494 A 20060120; CN 200680002872 A 20060120; EP 06719111 A 20060120; JP 2007552303 A 20060120; TW 95102476 A 20060123