

Title (en)
PROCESS FOR THE PREPARATION OF CHIRAL ORGANIC COMPOUNDS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON CHIRALEN ORGANISCHEN VERBINDUNGEN

Title (fr)
PROCÉDÉ DE PRÉPARATION DE COMPOSÉS ORGANIQUES CHIRAUX

Publication
EP 1991513 A2 20081119 (DE)

Application
EP 07721966 A 20070227

Priority
• DE 2007000365 W 20070227
• DE 102006009518 A 20060301

Abstract (en)
[origin: WO2007098741A2] The invention relates to a method for producing chiral organic compounds by asymmetric catalysis, using ionic catalysts comprising a chiral catalyst anion. The claimed method is suitable for reactions which are carried out over cationic intermediate stages, such as iminium ions or acyl pyridinium ions. The invention enables the production of chiral compounds with high ee values, that until now could only be obtained by means of costly purification methods.

IPC 8 full level
C07B 53/00 (2006.01); **C07C 29/88** (2006.01); **C07C 45/51** (2006.01); **C07C 45/62** (2006.01); **C07C 45/69** (2006.01); **C07C 45/72** (2006.01); **C07C 47/23** (2006.01); **C07C 49/86** (2006.01); **C07C 67/08** (2006.01); **C07C 69/007** (2006.01); **C07C 201/12** (2006.01); **C07C 205/44** (2006.01); **C07C 253/30** (2006.01); **C07C 255/56** (2006.01); **C07D 301/14** (2006.01)

CPC (source: EP US)
B01J 31/0239 (2013.01 - EP US); **B01J 31/0258** (2013.01 - EP US); **C07B 53/00** (2013.01 - EP US); **C07C 29/88** (2013.01 - EP US); **C07C 45/511** (2013.01 - EP US); **C07C 45/62** (2013.01 - EP US); **C07C 45/69** (2013.01 - EP US); **C07C 45/72** (2013.01 - EP US); **C07C 49/86** (2013.01 - EP US); **C07C 67/08** (2013.01 - EP US); **C07C 201/12** (2013.01 - EP US); **C07C 253/30** (2013.01 - EP US); **C07D 301/14** (2013.01 - EP US); **B01J 31/0225** (2013.01 - EP US); **B01J 2231/645** (2013.01 - EP US); **B01J 2231/72** (2013.01 - EP US); **B01J 2531/0266** (2013.01 - EP US); **C07B 2200/07** (2013.01 - EP US); **C07C 2601/08** (2017.04 - EP US); **C07C 2601/14** (2017.04 - EP US); **C07C 2601/18** (2017.04 - EP US)

Citation (search report)
See references of WO 2007098741A2

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)
DE 102006009518 A1 20070906; CA 2642784 A1 20070907; CA 2642784 C 20150113; EP 1991513 A2 20081119; JP 2009528307 A 20090806; JP 2014040476 A 20140306; US 2009030216 A1 20090129; US 7683191 B2 20100323; WO 2007098741 A2 20070907; WO 2007098741 A3 20071018

DOCDB simple family (application)
DE 102006009518 A 20060301; CA 2642784 A 20070227; DE 2007000365 W 20070227; EP 07721966 A 20070227; JP 2008556651 A 20070227; JP 2013227932 A 20131101; US 28082107 A 20070227