

Title (en)
METHOD FOR PRODUCING BETA- KETOENOL ESTERS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON BETA-KETOENOLESTERN

Title (fr)
PROCEDE DE PREPARATION DE BETA-CETOENOL ESTERS

Publication
EP 1311469 A1 20030521 (DE)

Application
EP 01967292 A 20010821

Priority
• DE 10041044 A 20000822
• EP 0109672 W 20010821

Abstract (en)
[origin: WO0216305A1] The invention relates to a method for producing beta ketoenol esters of the general formula (Ia) or (Ib), wherein Ar, R<a> and R are defined as in claim 1. The inventive method is characterized by reacting an arylhalogenide of the general formula (II) with a 1,3-diketone of the general formula (III) or the tautomers thereof in a carbon monoxide atmosphere in the presence of an alkali and a catalyst that contains at least one transition metal of group VIII of the periodic system.

IPC 1-7
C07C 67/36; **C07C 69/76**; **C07D 275/06**; **C07D 261/04**; **C07C 45/67**

IPC 8 full level
C07B 61/00 (2006.01); **C07C 45/54** (2006.01); **C07C 67/36** (2006.01); **C07C 69/78** (2006.01); **C07C 69/83** (2006.01); **C07D 261/04** (2006.01); **C07D 275/06** (2006.01)

CPC (source: EP KR US)
C07C 45/54 (2013.01 - EP US); **C07C 67/36** (2013.01 - EP KR US); **C07D 261/04** (2013.01 - EP US); **C07D 275/06** (2013.01 - EP US)

C-Set (source: EP US)
C07C 67/36 + **C07C 69/76**

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0216305 A1 20020228; AR 030574 A1 20030827; AU 8770001 A 20020304; BR 0113359 A 20030715; CN 1261404 C 20060628; CN 1461294 A 20031210; EP 1311469 A1 20030521; HU P0300820 A2 20030929; HU P0300820 A3 20090128; IL 154332 A0 20030917; IL 154332 A 20081126; JP 2004506709 A 20040304; KR 100766637 B1 20071015; KR 20030043936 A 20030602; US 2003191318 A1 20031009; US 6903221 B2 20050607

DOCDB simple family (application)
EP 0109672 W 20010821; AR P010103975 A 20010821; AU 8770001 A 20010821; BR 0113359 A 20010821; CN 01816038 A 20010821; EP 01967292 A 20010821; HU P0300820 A 20010821; IL 15433201 A 20010821; IL 15433203 A 20030206; JP 2002521181 A 20010821; KR 20037002519 A 20030221; US 36205603 A 20030220