

Title (en)
CHIRAL 3-HALOPHTHALIC ACID DERIVATIVES

Title (de)
CHIRALE 3-HALOPHTHALSÄURE-DERIVATE

Title (fr)
DERIVES CHIRAUX D'ACIDE 3-HALOPHTALIQUE

Publication
EP 1789383 A1 20070530 (DE)

Application
EP 05778126 A 20050818

Priority
• EP 2005008945 W 20050818
• DE 102004042138 A 20040831
• DE 102004060502 A 20041216

Abstract (en)
[origin: WO2006024402A1] The invention relates to novel salts of chiral 3-halophthalic acid derivatives of formula (I) from 3-halophthalic acid anhydrides of formula (II), amines of formula (III), a method for the production thereof, the use thereof for producing chiral phthalic acid diamides of formula (V), and a novel method for producing chiral phthalic acid diamides of formula (V). According to the invention, salts of chiral 3-halophthalic acid derivatives of formula (I) are transformed into the corresponding isophthalamides of formula (VI), which are reacted with arylamine of formula (VII).

IPC 8 full level
C07C 319/20 (2006.01); **C07C 315/02** (2006.01); **C07C 317/28** (2006.01); **C07C 323/42** (2006.01)

CPC (source: EP KR US)
C07C 315/02 (2013.01 - EP KR US); **C07C 317/28** (2013.01 - KR); **C07C 319/20** (2013.01 - EP US); **C07C 323/42** (2013.01 - KR)

Citation (search report)
See references of WO 2006024402A1

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 2006024402 A1 20060309; BR PI0514749 A 20080624; CA 2577942 A1 20060309; EP 1789383 A1 20070530; IL 181417 A0 20070704; JP 2008511563 A 20080417; KR 20070053724 A 20070525; MX 2007002317 A 20081024; TW 200621691 A 20060701; US 2008045727 A1 20080221

DOCDB simple family (application)
EP 2005008945 W 20050818; BR PI0514749 A 20050818; CA 2577942 A 20050818; EP 05778126 A 20050818; IL 18141707 A 20070219; JP 2007528696 A 20050818; KR 20077004879 A 20070228; MX 2007002317 A 20050818; TW 94129570 A 20050830; US 66066805 A 20050818