

Title (en)

METHOD FOR PRODUCING URETHANES COMPOSED OF DI-FUNCTIONAL AROMATIC AMINES AND DIALKYL CARBONATES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON URETHANEN AUS DIFUNKTIONELLEN AROMATISCHEN AMINEN UND DIALKYL CARBONATEN

Title (fr)

PROCÉDÉ DE PRÉPARATION D URÉTHANES À PARTIR DE CARBONATES DE DIALKYLE ET D'AMINES AROMATIQUES
DIFONCTIONNELLES

Publication

EP 2326617 A1 20110601 (DE)

Application

EP 09781929 A 20090818

Priority

- EP 2009060644 W 20090818
- EP 08105102 A 20080822
- EP 09781929 A 20090818

Abstract (en)

[origin: WO2010020621A1] Method for producing urethanes through reaction of aromatic diamines with a dialkyl carbonate, characterized in that the alkyl group of the organic dialkyl carbonate has 2-18 carbon atoms and one or more heteroatoms and the reaction is carried out in the presence of a catalyst.

IPC 8 full level

C07C 269/04 (2006.01)

CPC (source: EP KR US)

C07C 263/00 (2013.01 - KR); **C07C 263/04** (2013.01 - KR); **C07C 269/04** (2013.01 - EP KR US); **C07C 271/28** (2013.01 - KR)

Citation (search report)

See references of WO 2010020621A1

Citation (examination)

DE 3202690 A1 19820812 - ANIC SPA [IT]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010020621 A1 20100225; BR PI0917836 A2 20151124; CN 102131770 A 20110720; CN 102131770 B 20140806;
EP 2326617 A1 20110601; JP 2012500784 A 20120112; JP 5502085 B2 20140528; KR 20110055596 A 20110525;
US 2011137067 A1 20110609; US 8729291 B2 20140520

DOCDB simple family (application)

EP 2009060644 W 20090818; BR PI0917836 A 20090818; CN 200980132681 A 20090818; EP 09781929 A 20090818;
JP 2011523411 A 20090818; KR 20117005029 A 20090818; US 200913058026 A 20090818