

Title (en)
NOVEL 2,2' -DIAMINO BIARYLS WITH TWO SECONDARY AMINES AND PRODUCTION THEREOF BY ELECTROCHEMICAL COUPLING

Title (de)
NEUE 2,2' -DIAMINOBIARYLE MIT ZWEI SEKUNDÄREN AMINEN UND DEREN HERSTELLUNG DURCH ELEKTROCHEMISCHE KUPPLUNG

Title (fr)
NOUVEAUX 2,2-DIAMINOBIARYLES COMPRENANT DEUX AMINES SECONDAIRES ET PRÉPARATION DESDITS 2,2-DIAMINOBIARYLES PAR COUPLAGE ÉLECTROCHIMIQUE

Publication
EP 3189032 A1 20170712 (DE)

Application
EP 15741996 A 20150723

Priority
• DE 102014217540 A 20140903
• EP 2015066833 W 20150723

Abstract (en)
[origin: WO2016034330A1] Novel 2,2'-diamino biaryls of formula (I), (II) and (III), wherein R1-R10, R1'-R10' and X1-X3 are defined in claim 1. The invention also relates to an electrochemical method for the production thereof.

IPC 8 full level
C07C 303/40 (2006.01); **C07C 231/12** (2006.01); **C07C 233/43** (2006.01); **C07C 311/12** (2006.01); **C25B 3/29** (2021.01); **C25B 9/17** (2021.01)

CPC (source: EP US)
C07C 233/43 (2013.01 - US); **C07C 233/44** (2013.01 - US); **C07C 311/21** (2013.01 - EP US); **C25B 3/29** (2021.01 - EP US); **C25B 9/17** (2021.01 - EP US); **C25B 15/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2016034330A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102014217540 A1 20160303; EP 3189032 A1 20170712; US 10196747 B2 20190205; US 2017283961 A1 20171005; WO 2016034330 A1 20160310

DOCDB simple family (application)
DE 102014217540 A 20140903; EP 15741996 A 20150723; EP 2015066833 W 20150723; US 201515508230 A 20150723