

Title (en)
METHOD FOR PRODUCING A CATALYST AND USE AS AN ELECTROCATALYST

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES KATALYSATORS SOWIE VERWENDUNG ALS ELEKTROKATALYSATOR

Title (fr)
PROCÉDÉ DE PRODUCTION D'UN CATALYSEUR ET UTILISATION DE CELUI-CI COMME ÉLECTROCATALYSEUR

Publication
EP 2217372 A1 20100818 (DE)

Application
EP 08848397 A 20081106

Priority

- EP 2008065039 W 20081106
- EP 07120359 A 20071109
- EP 08848397 A 20081106

Abstract (en)
[origin: WO2009060019A1] The invention relates to a method for producing a catalyst containing a metal of the platinum group and a second metal selected from the metals of the platinum group or the transition metals. According to said method, in a first step, a catalyst containing the metal of the platinum group is mixed with a complex compound containing the second metal, to form a dry powder, and the powder is then tempered to produce a compound between the metal of the platinum group and the second metal. The invention also relates to a use of the catalyst produced according to the invention.

IPC 8 full level
B01J 23/40 (2006.01); **B01J 23/46** (2006.01); **B01J 23/89** (2006.01); **B01J 37/04** (2006.01); **B01J 37/08** (2006.01); **H01M 4/92** (2006.01)

CPC (source: EP US)
B01D 53/945 (2013.01 - EP US); **B01J 23/40** (2013.01 - EP US); **B01J 23/462** (2013.01 - EP US); **B01J 23/89** (2013.01 - EP US); **B01J 37/04** (2013.01 - EP US); **B01J 37/086** (2013.01 - EP US); **H01M 4/921** (2013.01 - EP US); **H01M 4/926** (2013.01 - EP US); **B01D 2255/102** (2013.01 - EP US); **B01D 2255/20746** (2013.01 - EP US); **B01D 2255/20753** (2013.01 - EP US); **B01D 2255/702** (2013.01 - EP US); **B01J 23/56** (2013.01 - EP US); **B01J 35/393** (2024.01 - EP US); **H01M 8/1011** (2013.01 - EP US); **Y02A 50/20** (2017.12 - EP US); **Y02E 60/50** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2009060019A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009060019 A1 20090514; CA 2704667 A1 20090514; CN 101990462 A 20110323; EP 2217372 A1 20100818; JP 2011502758 A 201110127; JP 5579071 B2 20140827; KR 101541207 B1 20150731; KR 20100099160 A 20100910; RU 2010123285 A 20111220; US 2010267551 A1 20101021; US 8293675 B2 20121023

DOCDB simple family (application)
EP 2008065039 W 20081106; CA 2704667 A 20081106; CN 200880124347 A 20081106; EP 08848397 A 20081106; JP 2010532584 A 20081106; KR 20107012730 A 20081106; RU 2010123285 A 20081106; US 74202608 A 20081106