

Title (en)

PYROLYTIC METHOD FOR THE PRODUCTION OF PARTICLES CONTAINING AT LEAST ONE METAL SPECIES

Title (de)

PYROLYSEVERFAHREN ZUR HERSTELLUNG VON MINDESTENS EINE METALLSPEZIES AUFWEISENDEN PARTIKELN

Title (fr)

PROCÉDÉ DE PYROLYSE POUR FABRIQUER DES PARTICULES PRÉSENTANT AU MOINS UNE ESPÈCE MÉTALLIQUE

Publication

**EP 3294452 A1 20180321 (DE)**

Application

**EP 16726491 A 20160513**

Priority

- DE 102015208883 A 20150513
- EP 2016060874 W 20160513

Abstract (en)

[origin: WO2016180973A1] The invention relates to a method for producing particles containing at least one metal species with the aid of an eutectic solvent mixture, to carbon particles that are produced accordingly and contain at least one metal species, to a method for hydrogenating at least one hydrogenation compound, to a method for cross-coupling aryl halides or vinyl halides and terminal alkynes, and to a method for producing metal particles, metal complex particles, metal oxide particles and/or metal mixed oxide particles.

IPC 8 full level

**B01J 23/02** (2006.01); **B01J 21/18** (2006.01); **B01J 23/40** (2006.01); **B01J 23/44** (2006.01); **B01J 23/52** (2006.01); **B01J 23/74** (2006.01);  
**B01J 23/78** (2006.01); **B01J 23/80** (2006.01); **B01J 25/02** (2006.01); **B01J 37/08** (2006.01); **C07C 2/86** (2006.01); **C07C 5/03** (2006.01)

CPC (source: EP)

**B01J 23/002** (2013.01); **B01J 23/005** (2013.01); **B01J 23/02** (2013.01); **B01J 23/40** (2013.01); **B01J 23/44** (2013.01); **B01J 23/52** (2013.01);  
**B01J 23/74** (2013.01); **B01J 23/78** (2013.01); **B01J 23/80** (2013.01); **B01J 25/02** (2013.01); **B01J 37/0045** (2013.01); **B01J 37/0081** (2013.01);  
**B01J 37/084** (2013.01); **B01J 37/086** (2013.01); **C07C 5/03** (2013.01); **C07C 5/05** (2013.01); **C07C 29/172** (2013.01); **C07C 29/32** (2013.01);  
**C07C 45/62** (2013.01); **B01J 21/18** (2013.01); **B01J 2523/00** (2013.01); **C07C 2521/18** (2013.01); **C07C 2523/44** (2013.01);  
**C07C 2602/14** (2017.04); **C07C 2602/16** (2017.04); **C07C 2602/42** (2017.04); **Y02P 20/52** (2015.11)

Citation (search report)

See references of WO 2016180973A1

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)

**WO 2016180973 A1 20161117**; DE 102015208883 A1 20161117; EP 3294452 A1 20180321

DOCDB simple family (application)

**EP 2016060874 W 20160513**; DE 102015208883 A 20150513; EP 16726491 A 20160513