

Title (en)

A CARRIED NANO-METAL CATALYST AND METHOD FOR PRODUCTION THEREOF

Title (de)

GETRÄGERTER NANOMETALLKATALYSATOR UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

CATALYSEUR DE NANOMETAL SUPPORTE ET SON PROCEDE DE FABRICATION

Publication

**EP 2035139 A1 20090318 (DE)**

Application

**EP 07725428 A 20070522**

Priority

- EP 2007004528 W 20070522
- DE 102006025148 A 20060530

Abstract (en)

[origin: WO2007137736A1] The present invention relates to a carried catalyst comprising a carrier on which a first catalytically active metal in the form of nano particles is applied, further comprising a second metal in the form of nano particles, and wherein the nano particles of the first and second metal are stabilized partly with S-donor ligands, and the second metal has a higher affinity to S-donor ligands than does the first metal.

IPC 8 full level

**B01J 23/66** (2006.01); **B01J 35/00** (2006.01)

CPC (source: EP)

**B01J 23/462** (2013.01); **B01J 23/75** (2013.01); **B01J 37/0211** (2013.01); **C10G 2/33** (2013.01); **C10G 2/331** (2013.01); **C10G 2/332** (2013.01); **C10G 2/333** (2013.01); **B01J 21/06** (2013.01); **B01J 23/755** (2013.01); **B01J 35/23** (2024.01); **B01J 35/392** (2024.01); **B01J 35/393** (2024.01); **B01J 35/394** (2024.01); **B01J 35/396** (2024.01)

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102006025148 A1 20071206**; CN 101454078 A 20090610; EP 2035139 A1 20090318; WO 2007137736 A1 20071206;  
ZA 200810659 B 20091125

DOCDB simple family (application)

**DE 102006025148 A 20060530**; CN 200780019855 A 20070522; EP 07725428 A 20070522; EP 2007004528 W 20070522;  
ZA 200810659 A 20081218