

Title (en)

SUPPORTED CATALYST FOR HYDROGENATION OF NITROAROMATICS

Title (de)

TRÄGERKATALYSATOR ZUR HYDRIERUNG VON NITROAROMATEN

Title (fr)

CATALYSEUR SUPPORTÉ D'HYDROGENATION DE NITROAROMATIQUES

Publication

EP 1441850 A1 20040804 (EN)

Application

EP 02779300 A 20020904

Priority

- DE 10154811 A 20011108
- DE 10216108 A 20020412
- EP 0209874 W 20020904
- US 33315301 P 20011127

Abstract (en)

[origin: WO03039743A1] Supported, hydrogenating catalyst in powder form containing, as a catalytically active component, a primary precious metal component, a secondary precious metal component and one or more non-precious metal components. It is used for the hydrogenation of nitroaromatics, in particular nitrobenzene and DNT.

IPC 1-7

B01J 23/648; B01J 23/656; B01J 23/63; B01J 23/652; B01J 23/89; C07C 209/36

IPC 8 full level

B01J 23/63 (2006.01); **B01J 23/648** (2006.01); **B01J 23/652** (2006.01); **B01J 23/656** (2006.01); **B01J 23/89** (2006.01); **B01J 37/03** (2006.01);
B01J 37/16 (2006.01); **C07B 61/00** (2006.01); **C07C 209/36** (2006.01); **C07C 211/46** (2006.01); **C07C 211/51** (2006.01); **B01J 21/18** (2006.01)

CPC (source: EP)

B01J 23/63 (2013.01); **B01J 23/6482** (2013.01); **B01J 23/6522** (2013.01); **B01J 23/6562** (2013.01); **B01J 23/8906** (2013.01);
C07C 209/36 (2013.01); **B01J 21/18** (2013.01)

C-Set (source: EP)

C07C 209/36 + C07C 211/51

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03039743 A1 20030515; BR 0213928 A 20040831; CN 100479916 C 20090422; CN 1582199 A 20050216; EP 1441850 A1 20040804;
HU P0402102 A2 20050128; HU P0402102 A3 20100728; JP 2005526589 A 20050908; JP 4523275 B2 20100811; PL 368203 A1 20050321

DOCDB simple family (application)

EP 0209874 W 20020904; BR 0213928 A 20020904; CN 02822082 A 20020904; EP 02779300 A 20020904; HU P0402102 A 20020904;
JP 2003541628 A 20020904; PL 36820302 A 20020904