

Title (en)
HYDROCRACKING CATALYST CONTAINING BETA AND Y ZEOLITES, AND PROCESS FOR ITS USE TO MAKE DISTILLATE

Title (de)
HYDROCRACKING-KATALYSATOR MIT BETA- UND Y-ZEOLITEN SOWIE VERFAHREN FÜR DESSEN VERWENDUNG ZUR HERSTELLUNG VON DESTILLAT

Title (fr)
CATALYSEUR D'HYDROCRAQUAGE CONTENANT DES ZÉOLITHES BÊTA ET Y ET PROCÉDÉ D'UTILISATION CORRESPONDANT DESTINÉ À FABRIQUER UN DISTILLAT

Publication
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Application
EP 07799400 A 20070709

Priority
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• US 45783306 A 20060717

Abstract (en)
[origin: US2008011648A1] Increased selectivity of middle distillate and increased catalyst activity are obtained in a hydrocracking process by the use of a catalyst containing a hydrogenation component, a beta zeolite having an overall silica to alumina mole ratio of less than 30 and a SF₆ adsorption capacity of at least 28 wt-%, a Y zeolite having a unit cell size of from 24.25 to 24.32 angstrom, and a support.

IPC 8 full level
C10G 47/02 (2006.01)

CPC (source: EP KR US)
B01J 23/28 (2013.01 - EP US); **B01J 23/30** (2013.01 - EP US); **B01J 23/75** (2013.01 - EP US); **B01J 23/755** (2013.01 - EP US); **B01J 29/00** (2013.01 - KR); **B01J 29/04** (2013.01 - KR); **B01J 29/084** (2013.01 - EP US); **B01J 29/7007** (2013.01 - EP US); **B01J 29/80** (2013.01 - EP US); **B01J 35/653** (2024.01 - EP US); **C10G 45/12** (2013.01 - KR); **C10G 47/02** (2013.01 - KR); **C10G 47/16** (2013.01 - EP US); **C10G 47/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2008011291A2

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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2008011648 A1 20080117; AU 2007275504 A1 20080124; CA 2657313 A1 20080124; CL 2007002042 A1 20080201; CN 101490217 A 20090722; EP 2041244 A2 20090401; KR 20090025364 A 20090310; MX 2009000438 A 20090129; NO 20090743 L 20090216; RU 2009105256 A 20100827; WO 2008011291 A2 20080124; WO 2008011291 A3 20080320

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