Title (en)

Hydrodesulfurization process for naphtha fractions using a catalyst with controled porosity.

Title (de)

Hydroentschwefelungsverfahren für Benzine unter Verwendung eines Katalysators mit geregelter Porosität.

Title (fr)

Procédé d'hydrosulfuration des essences mettant en oeuvre un catalyseur à porosite controlée

Publication

EP 1612255 A1 20060104 (FR)

Application

EP 05291383 A 20050627

Priority

FR 0407335 A 20040701

Abstract (en)

Process for the selective hydrodesulfuration of petrols using a supported catalyst containing nickel or cobalt as the active phase, the mean pore diameter being greater than 20 nm.

IPC 8 full level

C10G 45/04 (2006.01); **C10G 45/08** (2006.01)

CPC (source: EP KR US)

C10G 45/04 (2013.01 - EP US); **C10G 45/06** (2013.01 - KR); **C10G 45/08** (2013.01 - EP US); C10G 2300/1044 (2013.01 - EP US); C10G 2300/202 (2013.01 - EP US); C10G 2400/02 (2013.01 - EP US)

Citation (applicant)

- US 5318690 A 19940607 - FLETCHER DAVID L [US], et al
- WO 0140409 A1 20010607 - EXXON RESEARCH ENGINEERING CO [US]
- US 4203829 A 19800520 - BERTOLACINI RALPH J [US]
- US 4140626 A 19790220 - BERTOLACINI RALPH J, et al
- US 5525211 A 19960611 - SUDHAKAR CHAKKA [US], et al
- US 5770046 A 19980623 - SUDHAKAR CHAKKA [US]
- US 5340466 A 19940823 - DAI PEI-SHING E [US], et al
- US 6013598 A 20000111 - LAPINSKI MARK P [US], et al
- EP 1031622 A1 20000830 - INST FRANCAIS DU PETROLE [FR]
- US 6231753 B1 20010515 - MCKNIGHT CRAIG A [CA], et al
- US 6231754 B1 20010515 - BRIGNAC GARLAND B [US], et al
- WO 03099963 A1 20031204 - EXXONMOBIL RES & ENG CO [US]
- EP 1077247 A1 20010221 - INST FRANCAIS DU PETROLE [FR]

Citation (search report)

[X] WO 02062928 A2 20020815 - ABB LUMMUS GLOBAL INC [US]

Cited by

WO2014037644A1; EP2816094A1

Designated contracting state (EPC)

BE DE DK GB IT NL

DOCDB simple family (publication)

EP 1612255 A1 20060104; **EP 1612255 B1 20071121**; **EP 1612255 B2 20160330**; BR PI0502597 A 20060214; BR PI0502597 B1 20141230; CA 2510668 A1 20060101; CA 2510668 C 20130129; DE 602005003402 D1 20080103; DE 602005003402 T2 20080228; DE 602005003402 T3 20160721; DK 1612255 T3 20080317; DK 1612255 T4 20160711; FR 2872516 A1 20060106; FR 2872516 B1 20070309; KR 101209347 B1 20121206; KR 20060049757 A 20060519; US 2006000751 A1 20060105; US 2012067780 A1 20120322; US 8926831 B2 20150106

DOCDB simple family (application)

EP 05291383 A 20050627; BR PI0502597 A 20050629; CA 2510668 A 20050628; DE 602005003402 T 20050627; DK 05291383 T 20050627; FR 0407335 A 20040701; KR 20050059196 A 20050701; US 17128705 A 20050701; US 201113305527 A 20111128