

Title (en)
HYDROTREATING CATALYST AND PROCESS

Publication
EP 0112667 B1 19880302 (EN)

Application
EP 83307379 A 19831205

Priority
• US 44744482 A 19821206
• US 54337983 A 19831019

Abstract (en)
[origin: EP0112667A1] Hydrotreating catalyst composition comprising a hydrogenating component consisting essentially of a metal component in which the metal is selected from Group VIB and phosphorus component, deposited on the surface of a support comprising a porous refractory inorganic oxide and free of a zeolite component exhibits excellent hydrotreating activity and lifetime, particularly in the hydrodenitrogenation of high nitrogen feeds, e. g., whole shale oils or fractions thereof, and in the hydrodesulfurization and hydrodemetallation of high sulfur feeds, e. g., vacuum or atmospheric residua.

IPC 1-7
C10G 45/04; B01J 27/18; B01J 35/10; C10G 65/04

IPC 8 full level
C10G 45/04 (2006.01); **C10G 45/08** (2006.01); **C10G 65/04** (2006.01)

CPC (source: EP)
C10G 45/04 (2013.01); **C10G 2300/107** (2013.01)

Cited by
EP0183283A3; EP0525259A1; US4738944A; EP0203228A1; US5246569A; US4846961A; CN111100698A; US10144882B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0112667 A1 19840704; **EP 0112667 B1 19880302**; AU 2180583 A 19840614; AU 571189 B2 19880414; CA 1243976 A 19881101; DE 3375803 D1 19880407

DOCDB simple family (application)
EP 83307379 A 19831205; AU 2180583 A 19831129; CA 442165 A 19831129; DE 3375803 T 19831205