

Title (en)

Hydrotreating catalyst and process.

Title (de)

Wasserstoffumwandlungskatalysator und -verfahren.

Title (fr)

Catalyseur et procédé d'hydrotraitement.

Publication

EP 0112667 A1 19840704 (EN)

Application

EP 83307379 A 19831205

Priority

- US 44744482 A 19821206
- US 54337983 A 19831019

Abstract (en)

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)

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