Title (en)

HYDROCONVERSION PROCESS USING A SULFIDED MOLYBDENUM CATALYST CONCENTRATE.

Title (de)

HYDROUMWANDLUNGSVERFAHREN UNTER ANWENDUNG EINES SULFIDIERTEN MOLYBDÄNKATALYSATORKONZENTRATES.

Title (fr)

PROCEDE D'HYDROCONVERSION UTILISANT UN CONCENTRE DE CATALYSEUR A BASE DE MOLYBDENE SULFURE.

Publication

EP 0639219 A4 19950510 (EN)

Application

EP 92900361 A 19910809

Priority

US 9105686 W 19910809

Abstract (en)

[origin: WO9303117A1] A process for converting a heavy hydrocarbonaceous chargestock to lower boiling products which process comprises reacting the chargestock with a catalyst concentrate in the presence of hydrogen, at hydroconversion conditions, said catalyst concentrate having been prepared by the steps comprising: (a) forming a precursor catalyst concentrate by mixing together: (i) a hydrocarbonaceous oil comprising constituents boiling above about 570 DEG C; (ii) a metal compound, said metal being selected from the group consisting of Groups II, III, IV, V, VIB, VIIB and VIII of the Periodic Table of the Elements, in an amount to provide from about 0.2 to 2 wt. % metal, based on said hydrocarbonaceous oil; and (b) heating the precursor concentrate to an effective temperature to produce a catalyst concentrate, wherein elemental sulfur is used as the sulfiding agent in an amount such that the atomic ratio of sulfur to metal is from about 1/1 to 8/1.

IPC 1-7

C10G 47/06

IPC 8 full level

B01J 27/051 (2006.01); **B01J 37/20** (2006.01); **C10G 47/06** (2006.01); **C10G 47/26** (2006.01); **C10G 49/12** (2006.01)

CPC (source: EP)

B01J 37/20 (2013.01); **C10G 49/12** (2013.01)

Citation (search report)

- [E] US 5039392 A 19910813 - BEARDEN JR ROBY [US], et al
- [A] EP 0359356 A1 19900321 - CRI VENTURES INC [US]
- [A] US 4177136 A 19791204 - HERRINGTON DANIEL R [US], et al
- See references of WO 9303117A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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