

Title (en)

PROCESS FOR REMOVING ARSENIC WITH A TRAP CATALYST BEFORE DESULFURIZATING IT

Title (de)

VERFAHREN ZUR ENTFERNUNG VON ARSEN MIT EINEM FILTERKATALYSATOR VOR DER ENTSCHWEFELUNG

Title (fr)

PROCEDE POUR EVACUER L'ARSENIC AVEC UN CATALYSEUR DE PIEGEAGE AVANT SA DESULFURATION

Publication

EP 2507344 A1 20121010 (EN)

Application

EP 09765179 A 20091201

Priority

US 2009006320 W 20091201

Abstract (en)

[origin: WO2011068488A1] Arsenic trap catalyst can be used as part of a process for selective hydrodesulfurization of a naphtha feed. Use of an arsenic trap catalyst can allow for use of a reduced amount of hydrodesulfurization catalyst. This can allow for an increased start of run temperature, which can enhance the octane number for the resulting desulfurized naphtha product.

IPC 8 full level

C10G 29/04 (2006.01)

CPC (source: EP)

C10G 25/05 (2013.01); **C10G 45/02** (2013.01); **C10G 45/06** (2013.01); **C10G 45/08** (2013.01); **C10G 45/10** (2013.01); **C10G 45/12** (2013.01); **C10G 67/06** (2013.01); **C10G 2300/1044** (2013.01); **C10G 2300/202** (2013.01); **C10G 2300/205** (2013.01); **C10G 2300/301** (2013.01); **C10G 2300/305** (2013.01); **C10G 2300/4006** (2013.01); **C10G 2300/4012** (2013.01); **C10G 2300/4018** (2013.01); **C10G 2400/02** (2013.01)

Citation (search report)

See references of WO 2011068488A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

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US 2009006320 W 20091201; AU 2009356146 A 20091201; CA 2780480 A 20091201; CN 200980162707 A 20091201; EP 09765179 A 20091201; JP 2012541977 A 20091201