Title (en)
METHOD FOR REMOVING MERCURY FROM HYDROCARBON STREAMS

Title (de)
VERFAHREN ZUR ABTRENNUNG VON QUECKSILBER AUS KOHLENWASSERSTOFFSTRÖMEN

Title (fr)
PROCÉDÉ POUR ÉLIMINER LE MERCURE DE FLUX D HYDROCARBURES

Publication
EP 2265695 A1 20101229 (DE)

Application
EP 09720628 A 20090309

Priority
- EP 2009052693 W 20090309
- EP 08152517 A 20080310
- EP 09720628 A 20090309

Abstract (en)
[origin: WO2009112440A1] The invention relates to a method for removing mercury from a mercury-containing hydrocarbon stream, the hydrocarbon stream being contacted with an absorbent containing copper on a carrier substance. The method according to the invention is characterized in that the hydrocarbon stream is contacted with the absorbent in the presence of hydrogen.

IPC 8 full level
C10G 45/02 (2006.01); **B01D 53/02** (2006.01); **B01D 53/64** (2006.01); **B01J 20/04** (2006.01); **B01J 20/06** (2006.01); **B01J 20/08** (2006.01); **C10G 45/04** (2006.01); **C10G 45/14** (2006.01); **C10G 45/16** (2006.01)

CPC (source: EP KR US)
B01D 15/08 (2013.01 - KR); **B01J 20/0237** (2013.01 - EP US); **B01J 20/041** (2013.01 - EP US); **B01J 20/06** (2013.01 - EP KR US); **B01J 20/08** (2013.01 - EP US); **B01J 20/103** (2013.01 - EP US); **B01J 20/3204** (2013.01 - EP US); **B01J 20/3234** (2013.01 - EP US); **B01J 20/3236** (2013.01 - EP US); **B01J 20/3458** (2013.01 - EP US); **B01J 20/3483** (2013.01 - EP US); **B01J 23/868** (2013.01 - EP US); **C07C 7/11** (2013.01 - KR); **C10G 25/003** (2013.01 - EP US); **C10G 45/02** (2013.01 - EP KR US); B01D 2251/202 (2013.01 - EP US); B01D 2253/112 (2013.01 - EP US); B01D 2257/602 (2013.01 - EP US); B01J 23/72 (2013.01 - EP US); B01J 2220/56 (2013.01 - EP US)

Citation (examination)
EP 1570903 A1 20050907 - ICT CO LTD [JP], et al

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009112440 A1 20090917; CN 101970614 A 20110209; EP 2265695 A1 20101229; JP 2011513565 A 20110428; JP 5455939 B2 20140326; KR 20100133394 A 20101221; US 2011005975 A1 20110113

DOCDB simple family (application)
EP 2009052693 W 20090309; CN 200980108438 A 20090309; EP 09720628 A 20090309; JP 2010550151 A 20090309; KR 20107021637 A 20090309; US 92157909 A 20090309