

Title (en)

IMPROVED METAL PASSIVATOR/TRAP FOR FCC PROCESSES

Title (de)

VERBESSERTE METALLPASSIVATOR/FALLE FÜR FCC-VERFAHREN

Title (fr)

PASSIVANT DE MÉTAUX/PIÈGE À MÉTAUX AMÉLIORÉ POUR PROCESSUS FCC

Publication

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Application

EP 11876225 A 20111121

Priority

US 2011061648 W 20111121

Abstract (en)

[origin: WO2013077836A1] The present invention provides a catalyst mixture comprising FCC catalysts and a metal passivator/trap and use thereof in trapping metal contaminants during the catalytic cracking of hydrocarbon feedstocks.

IPC 8 full level

B01J 38/00 (2006.01); **C10G 11/18** (2006.01)

CPC (source: EP RU)

B01J 23/8435 (2013.01 - EP); **B01J 37/0205** (2013.01 - EP); **B01J 37/0211** (2013.01 - EP); **B01J 37/024** (2013.01 - EP);
C10G 11/05 (2013.01 - EP); **C10G 11/18** (2013.01 - EP RU); **B01J 21/16** (2013.01 - EP); **B01J 37/12** (2013.01 - EP);
C10G 2300/205 (2013.01 - EP); **C10G 2400/02** (2013.01 - EP); **C10G 2400/20** (2013.01 - EP); **C10G 2400/28** (2013.01 - EP)

Citation (search report)

- [X] US 4372841 A 19830208 - STUNTZ GORDON F, et al
- [X] US 4178267 A 19791211 - MCKAY DWIGHT L [US]
- [X] FR 2380073 A1 19780908 - PHILLIPS PETROLEUM CO [US]
- [X] US 5037786 A 19910806 - CYMBALUK TED H [US]
- [X] US 4935121 A 19900619 - FU CHIA-MIN [US], et al
- See references of WO 2013077836A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

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KR 20140096134 A 20140804; RU 2014125128 A 20151227; RU 2603964 C2 20161210; ZA 201404460 B 20151223

DOCDB simple family (application)

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ZA 201404460 A 20140618