Title (en)

METHOD FOR ISOMERIZING AN AROMATIC C8 FRACTION IN THE PRESENCE OF A CATALYST CONTAINING AN EUO ZEOLITE AND A SPECIFIC BINDER

Title (de)

VERFAHREN ZUR ISOMERISIERUNG EINER AROMATISCHEN C8-FRAKTION UNTER VERWENDUNG EINES KATALYSATORS MIT EINEM EUO-ZEOLITH UND EINEM SPEZIFISCHEN BINDEMITTEL

Title (fr)

PROCEDE D'ISOMERISATION D'UNE COUPE C8 AROMATIQUE EN PRESENCE D'UN CATALYSEUR A BASE D'UNE ZEOLITHE EUO ET D'UN LIANT PARTICULIER

Publication

EP 2794522 A1 20141029 (FR)

Application

EP 12813395 A 20121120

Priority

- FR 1103995 A 20111220
- FR 2012000474 W 20121120

Abstract (en)

[origin: WO2013093222A1] The invention relates to a method for isomerizing an aromatic fraction comprising at least one aromatic compound having eight carbon atoms per molecule, which comprises contacting said fraction with at least one catalyst including at least one metal of Group VIII of the periodic table of the elements, at least one zeolite support including a zeolite selected from among the zeolites having an EUO and MOR structure type, taken alone or in a mixture, and at least one matrix, such that the specific surface area of the matrix in the zeolite support of said catalyst is between 5 and 200 m2/g.

IPC 8 full level

C07C 5/27 (2006.01); **B01J 29/22** (2006.01); **B01J 35/10** (2006.01)

CPC (source: EP US)

B01J 29/22 (2013.01 - EP US); **B01J 29/7446** (2013.01 - EP US); **B01J 35/60** (2024.01 - EP US); **B01J 35/612** (2024.01 - EP US); **B01J 35/613** (2024.01 - EP US); **B01J 35/615** (2024.01 - EP US); **C07C 5/2737** (2013.01 - US); **C07C 5/2754** (2013.01 - EP US); B01J 35/638 (2024.01 - EP US); B01J 35/647 (2024.01 - EP US); B01J 2229/42 (2013.01 - EP US); C07C 2521/02 (2013.01 - EP US); C07C 2521/04 (2013.01 - EP US); C07C 2521/06 (2013.01 - EP US); C07C 2521/08 (2013.01 - EP US); C07C 2521/10 (2013.01 - EP US); C07C 2521/12 (2013.01 - EP US); C07C 2521/18 (2013.01 - EP US); C07C 2523/08 (2013.01 - EP US); C07C 2523/14 (2013.01 - EP US); C07C 2523/36 (2013.01 - EP US); C07C 2523/42 (2013.01 - EP US); C07C 2523/44 (2013.01 - EP US); C07C 2523/46 (2013.01 - EP US); C07C 2523/745 (2013.01 - EP US); C07C 2523/75 (2013.01 - EP US); C07C 2523/755 (2013.01 - EP US); C07C 2527/167 (2013.01 - EP US); C07C 2529/18 (2013.01 - EP US); C07C 2529/70 (2013.01 - EP US); C07C 2529/89 (2013.01 - US); C07C 2601/16 (2017.04 - EP US); Y02P 20/52 (2015.11 - EP US)

Citation (search report)

See references of WO 2013093222A1

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)

FR 2984308 A1 20130621; **FR 2984308 B1 20131220**; EP 2794522 A1 20141029; US 2014364668 A1 20141211; US 9828311 B2 20171128; WO 2013093222 A1 20130627; ZA 201403956 B 20150826

DOCDB simple family (application)

FR 1103995 A 20111220; EP 12813395 A 20121120; FR 2012000474 W 20121120; US 201214366006 A 20121120; ZA 201403956 A 20140529