

Title (en)

HYDROCARBON ISOMERISATION WITH HYDROGEN HALOGENIDE RESITUATION

Title (de)

ISOMERISIERUNGSVERFAHREN VON KOHLENWASSERSTOFFEN UNTER RÜCKLEITUNG VON WASSERSTOFFHALOGENIDEN

Title (fr)

PROCÉDÉ D'ISOMÉRIISATION D'HYDROCARBURES AVEC RECYCLAGE D'HALOGÉNURES D'HYDROGÈNE

Publication

**EP 2872470 A1 20150520 (DE)**

Application

**EP 13734778 A 20130709**

Priority

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- EP 2013064426 W 20130709
- EP 13734778 A 20130709

Abstract (en)

[origin: WO2014009331A1] The invention relates to a method for the isomerisation of at least one hydrocarbon in the presence of an acidic ionic liquid and at least one hydrogen halogenide (HX) in a device (V1). The hydrogen halogenide (HX) is separated in a gaseous form from the isomerisation product in a device (V2) and is reintroduced at least partially into the device (V1).

IPC 8 full level

**C07C 5/29** (2006.01)

CPC (source: EP)

**B01D 3/06** (2013.01); **B01D 17/0208** (2013.01); **C07C 5/29** (2013.01); **C07C 7/00** (2013.01); **C07C 7/005** (2013.01); **C07C 2527/125** (2013.01); **C07C 2531/02** (2013.01); **C07C 2601/14** (2017.04)

C-Set (source: EP)

1. **C07C 5/29 + C07C 13/18**
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3. **C07C 7/005 + C07C 13/18**

Citation (search report)

See references of WO 2014009331A1

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