

Title (en)

Process of isomerisation of a C7 cut with coproduction of an aromatic cut comprising mainly toluene

Title (de)

Verfahren zur Isomerisierung von einer C7-Fraktion mit Koproduktion von einer aromatischen Toluenreichen Fraktion

Title (fr)

Procédé d'isomérisation d'une coupe C7 avec coproduction d'une coupe aromatique riche en toluène

Publication

**EP 1640435 A1 20060329 (FR)**

Application

**EP 05291857 A 20050907**

Priority

FR 0409999 A 20040922

Abstract (en)

Preparation of an isomerate (I) (having research octane number of 80) and coproduction of an aromatic fraction (F) (comprising mainly toluene) from a fraction, comprises: using an aromatic (contained in the charge) extraction unit (E), isomerization unit (U) and separation unit (S) for linear and mono-, di- and tribranched paraffin, where (I) contains less than 1 (preferably 0.5) wt.% of aromatics. Preparation of an isomerate (I) (having research octane number of 80) and coproduction of an aromatic fraction (F) (comprising mainly toluene) from a fraction (comprising hydrocarbons (with 7 carbon atoms) containing paraffin, naphthenes and aromatics), comprises: using an aromatic (contained in the charge) extraction unit (E), isomerization unit (U) and separation unit (S) for linear and mono-, di- and tribranched paraffin, where (I) contains less than 1 (preferably 0.5) wt.% of aromatics.

IPC 8 full level

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CPC (source: EP US)

**C10L 1/06** (2013.01 - EP US); **C10G 2400/30** (2013.01 - EP US)

Citation (search report)

- [DA] US 6338791 B1 20020115 - RAGIL KARINE [FR], et al
- [DA] US 6069289 A 20000530 - DANDEKAR HEMANT W [US], et al
- [A] EP 0462673 A1 19911227 - SHELL INT RESEARCH [NL]

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