

Title (en)

Process of isomerisation of a C7 cut with coproduction of a cyclic cut comprising mainly methyl cyclohexane

Title (de)

Verfahren zur Isomerisierung von einer C7-Fraktion mit Koproduktion von einer cyclischen Methylcyclohexan-reichen Fraktion

Title (fr)

Procédé d'isomérisation d'une coupe C7 avec coproduction d'une coupe cycliques riche en méthylcyclohexane

Publication

EP 1640436 A1 20060329 (FR)

Application

EP 05291856 A 20050907

Priority

FR 0409998 A 20040922

Abstract (en)

Preparation of an isomerate (I) and coproduction of a naphthenic fraction (F) (comprising mainly methylcyclohexane and optionally toluene) from a fraction (comprising hydrocarbons containing paraffins, naphthenes and aromatics), comprises: using a distillation column, at least an isomerization unit and separation unit for normal paraffin and cyclic molecules, 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 a naphthenic fraction (F) (comprising mainly methylcyclohexane and optionally toluene) from a fraction (comprising hydrocarbons (with 7 carbon atoms) containing paraffins, naphthenes and aromatics), comprises: using a distillation column, at least an isomerization unit and separation unit for normal paraffin and cyclic molecules (preferably methylcyclohexane), where (I) contains less than 1 (preferably 0.5) wt.% of aromatics.

IPC 8 full level

C10G 67/06 (2006.01); **C10G 25/00** (2006.01)

CPC (source: EP US)

C10G 25/00 (2013.01 - EP US); **C10G 67/06** (2013.01 - EP US); **C10G 2400/02** (2013.01 - EP US)

Citation (search report)

- [DA] US 6338791 B1 20020115 - RAGIL KARINE [FR], et al
- [A] EP 0462673 A1 19911227 - SHELL INT RESEARCH [NL]
- [A] EP 1182247 A1 20020227 - INST FRANCAIS DU PETROLE [FR]

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