Title (en)

ISOMERIZATION PROCESS USING METAL-MODIFIED SMALL CRYSTALLITE MTT MOLECULAR SIEVE

Title (de)

ISOMERISIERUNGSVERFAHREN UNTER VERWENDUNG EINES METALLMODIFIZIERTEN MTT-MOLEKULARSIEBES MIT KLEINEM KRISTALLIT

Title (fr)

PROCÉDÉ D'ISOMÉRISATION UTILISANT UN TAMIS MOLÉCULAIRE MTT À PETIT GRAIN CRISTALLIN MODIFIÉ PAR UN MÉTAL

Publication

**EP 2074199 A2 20090701 (EN)**

Application

**EP 07843768 A 20071003**

Priority

- US 2007080340 W 20071003
- US 82819306 P 20061004
- US 86628107 A 20071002

Abstract (en)

[origin: WO2008042979A2] Dewaxing a hydrocarbon feed by isomerizing feed with catalyst comprising small crystallite molecular sieve having MTT framework, the catalyst containing at least one metal selected from the group consisting of Ca, Cr, Mg, La, Na, Pr, Sr, K and Nd, and at least one Group VIII metal. A dewaxing method to produce products boiling at 343°C (650°F) or higher with low pour points and high viscosity indexes wherein the line fit to the chart of the pour points and the viscosity indexes has a slope of zero or less. A dewaxing process, comprising isomerization dewaxing feed with a viscosity at 100°C of 2.5 mm<SUP>2</SUP>/s or greater over a metal-modified molecular sieve to produce products with low pour points and high viscosity indexes; the line fit to the chart of the pour points and the viscosity indexes has a slope of zero or less; and wherein the yield of products is high.

IPC 8 full level

**C10G 73/02** (2006.01)

CPC (source: EP KR US)

**C10G 45/64** (2013.01 - EP US); **C10G 69/04** (2013.01 - KR); **C10G 73/02** (2013.01 - KR); C10G 2300/1022 (2013.01 - EP US); C10G 2300/1051 (2013.01 - EP US); C10G 2300/1062 (2013.01 - EP US); C10G 2300/107 (2013.01 - EP US); C10G 2300/1081 (2013.01 - EP US); C10G 2300/1085 (2013.01 - EP US); C10G 2300/301 (2013.01 - EP US); C10G 2300/302 (2013.01 - EP US); C10G 2300/304 (2013.01 - EP US); C10G 2300/4006 (2013.01 - EP US); C10G 2300/4012 (2013.01 - EP US); C10G 2300/4018 (2013.01 - EP US); C10G 2300/4025 (2013.01 - EP US); C10G 2400/06 (2013.01 - EP US); C10G 2400/10 (2013.01 - EP US)

Citation (search report)

See references of WO 2008042979A2

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DOCDB simple family (publication)

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