

Title (en)

ISOMERIZATION CATALYST AND PROCESSES

Title (de)

ISOMERISIERUNGSKATALYSATOR UND VERFAHREN

Title (fr)

CATALYSEUR D'ISOMERISATION ET PROCEDES ASSOCIES

Publication

EP 1804966 A1 20070711 (EN)

Application

EP 04796469 A 20041026

Priority

US 2004035497 W 20041026

Abstract (en)

[origin: WO2006046952A1] A catalyst and process is disclosed to selectively upgrade a paraffinic feedstock to obtain an isoparaffin-rich product for blending into gasoline. The catalyst comprises a support of a tungstated oxide or hydroxide of a Group IVB (IUPAC 4) metal, a first component of at least one lanthanide element, yttrium or mixtures thereof, which is preferably ytterbium or holmium, and at least one platinum-group metal component which is preferably platinum.

IPC 8 full level

B01J 21/06 (2006.01); **B01J 23/10** (2006.01); **B01J 23/63** (2006.01); **B01J 23/652** (2006.01)

CPC (source: EP KR)

B01J 21/06 (2013.01 - KR); **B01J 23/10** (2013.01 - KR); **B01J 23/40** (2013.01 - KR); **B01J 23/6527** (2013.01 - EP); **C10G 11/04** (2013.01 - EP); **C10G 29/205** (2013.01 - EP); **C10G 35/085** (2013.01 - EP); **C10G 35/09** (2013.01 - EP); **C10G 45/10** (2013.01 - EP); **C10G 45/40** (2013.01 - EP); **C10G 45/52** (2013.01 - EP); **C10G 45/62** (2013.01 - EP); **C10G 47/14** (2013.01 - EP); **C10G 49/06** (2013.01 - EP); **C10K 3/04** (2013.01 - EP); **B01J 21/066** (2013.01 - EP); **B01J 23/63** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006046952 A1 20060504; AU 2004324481 A1 20060504; AU 2004324481 B2 20100204; CA 2584795 A1 20060504; CA 2584795 C 20100720; CN 101052465 A 20071010; EP 1804966 A1 20070711; EP 1804966 A4 20110518; JP 2008517761 A 20080529; KR 100991481 B1 20101104; KR 20070084551 A 20070824

DOCDB simple family (application)

US 2004035497 W 20041026; AU 2004324481 A 20041026; CA 2584795 A 20041026; CN 200480044307 A 20041026; EP 04796469 A 20041026; JP 2007538873 A 20041026; KR 20077011841 A 20041026