

Title (en)

METHOD OF HYDROTREATING WAX AND PROCESSES FOR PRODUCING FUEL BASE AND LUBRICATING OIL BASE

Title (de)

VERFAHREN ZUR WASSERSTOFFBEHANDLUNG VON WACHS UND VERFAHREN ZUR HERSTELLUNG EINER KRAFTSTOFFBASIS UND SCHMIERÖLBASIS

Title (fr)

PROCEDE D'HYDROTRAITEMENT DE CIRE ET PROCEDES DE PRODUCTION DE BASE DE CARBURANT ET DE BASE D'HUILE LUBRIFIANTE

Publication

EP 1972677 A4 20140910 (EN)

Application

EP 07706583 A 20070111

Priority

- JP 2007050236 W 20070111
- JP 2006006252 A 20060113

Abstract (en)

[origin: EP1972677A1] The wax hydrotreating process of the present invention is characterized by hydrotreating the wax, under a hydrogen atmosphere and at a liquid space velocity of 0.4 to 4.0 h⁻¹, into contact with a first catalyst 10 containing an ultrastable Y zeolite and an amorphous solid acid and thereafter into contact with a second catalyst 20 that contains a solid acid and substantially does not contain ultrastable Y zeolite.

IPC 8 full level

C10G 45/60 (2006.01); **C10G 45/62** (2006.01); **C10G 47/16** (2006.01); **C10G 47/18** (2006.01); **C10G 65/12** (2006.01)

CPC (source: EP US)

C10G 45/62 (2013.01 - EP US); **C10G 45/64** (2013.01 - EP US); **C10G 47/04** (2013.01 - EP US); **C10G 47/16** (2013.01 - EP US);
C10G 47/18 (2013.01 - EP US); **C10G 65/12** (2013.01 - EP US); **C10G 2300/1022** (2013.01 - EP US); **C10G 2300/4018** (2013.01 - EP US);
C10G 2400/10 (2013.01 - EP US)

Citation (search report)

- [X] US 2002146358 A1 20021010 - SMITH BEN D [US], et al
- [X] US 2002144930 A1 20021010 - MOORE RICHARD O [US]
- [A] US 4820402 A 19890411 - PARTRIDGE RANDALL D [US], et al
- See references of WO 2007080920A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1972677 A1 20080924; EP 1972677 A4 20140910; AU 2007205523 A1 20070719; AU 2007205523 B2 20110915;
CN 101370915 A 20090218; CN 101370915 B 20120307; JP 2007186613 A 20070726; JP 4769085 B2 20110907; MY 148858 A 20130614;
US 2009277817 A1 20091112; WO 2007080920 A1 20070719

DOCDB simple family (application)

EP 07706583 A 20070111; AU 2007205523 A 20070111; CN 200780003022 A 20070111; JP 2006006252 A 20060113;
JP 2007050236 W 20070111; MY PI20081864 A 20070111; US 15980407 A 20070111