

Title (en)
LOW-PRESSURE FISCHER-TROPSCH PROCESS

Title (de)
NIEDERDRUCK-FISCHER-TROPSCH-VERFAHREN

Title (fr)
PROCÉDÉ FISCHER-TROPSCH BASSE PRESSION

Publication
EP 2379676 A4 20120620 (EN)

Application
EP 09833974 A 20091221

Priority

- CA 2009001862 W 20091221
- US 31810608 A 20081222
- CA 2008002306 W 20081222

Abstract (en)
[origin: WO2010071989A1] A Fischer-T?ropsch process for producing diesel fuel or diesel blending stock with a high cetane number, in a concentration of 65-90wt% at pressures below 200 psia, using a cobalt catalyst with a rhenium and/or ruthenium promoter. The catalyst is a cobalt catalyst with crystallites having an average diameter greater than 16 nanometers, and the resulting hydrocarbon product after a rough flash, contains less than 10wt% waxes (>C23).

IPC 8 full level
C10G 2/00 (2006.01); **C07C 1/04** (2006.01); **C10L 1/08** (2006.01)

CPC (source: EP)
B01J 23/8896 (2013.01); **B01J 23/8913** (2013.01); **B01J 35/31** (2024.01); **B01J 35/40** (2024.01); **B01J 35/615** (2024.01); **B01J 35/635** (2024.01); **B01J 37/0201** (2013.01); **C01B 3/38** (2013.01); **C01B 3/382** (2013.01); **C01B 3/384** (2013.01); **C10G 2/332** (2013.01); **C10L 1/08** (2013.01); **C01B 2203/0233** (2013.01); **C01B 2203/0244** (2013.01); **C01B 2203/025** (2013.01); **C01B 2203/04** (2013.01); **C01B 2203/0405** (2013.01); **C01B 2203/0495** (2013.01); **C01B 2203/062** (2013.01); **C01B 2203/0877** (2013.01); **C01B 2203/0883** (2013.01); **C01B 2203/0888** (2013.01); **C01B 2203/0894** (2013.01); **C01B 2203/1241** (2013.01); **C01B 2203/1258** (2013.01); **C01B 2203/1294** (2013.01); **C10G 2300/4025** (2013.01); **C10G 2400/04** (2013.01); **Y02P 20/52** (2015.11)

Citation (search report)

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- [Y] US 2003211940 A1 20031113 - VAN BERGE PETER JACOBUS [ZA], et al
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- [Y] FERNANDO MORALES ET AL.: "PROMOTION EFFECTS IN Co-BASED FISCHER-TROPSCH CATALYSIS", CATALYSIS, vol. 19, 31 December 2006 (2006-12-31), pages 1 - 40, XP002675408
- See references of WO 2010071989A1

Citation (examination)
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Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010071989 A1 20100701; AR 074831 A1 20110216; AU 2009329785 A1 20110811; AU 2009329785 B2 20121108;
CA 2748216 A1 20100701; CA 2748216 C 20160607; CN 102325858 A 20120118; CN 102325858 B 20141022; EP 2379676 A1 20111026;
EP 2379676 A4 20120620; MX 2011006743 A 20111006; MY 160250 A 20170228; RU 2011130432 A 20130127; RU 2487159 C2 20130710

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CA 2009001862 W 20091221; AR P090105016 A 20091221; AU 2009329785 A 20091221; CA 2748216 A 20091221;
CN 200980157057 A 20091221; EP 09833974 A 20091221; MX 2011006743 A 20091221; MY PI2011002900 A 20091221;
RU 2011130432 A 20091221