

Title (en)
PROCESS AND APPARATUS FOR PRODUCING HYDROCARBON FUEL AND COMPOSITION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES KOHLENWASSERSTOFFKRAFTSTOFFS UND ZUSAMMENSETZUNG DAMIT

Title (fr)
PROCÉDÉ ET APPAREIL DE PRODUCTION D'UN CARBURANT HYDROCARBONÉ ET COMPOSITION ASSOCIÉE

Publication
EP 2510076 A2 20121017 (EN)

Application
EP 10836426 A 20101129

Priority

- US 63613709 A 20091211
- US 63613509 A 20091211
- US 63614209 A 20091211
- US 2010058152 W 20101129

Abstract (en)
[origin: WO2011071705A2] Slurry hydrocracking a heavy hydrocarbon feed produces a HVGO stream and a pitch stream. At least a portion of the pitch stream is subjected to SDA to prepare a DAO stream low in metals. The DAO is blended with at least a portion of the HVGO stream to provide turbine or marine fuel with acceptable properties for combustion in gas turbines or for marine fuel grades.

IPC 8 full level
C10G 67/04 (2006.01); **C10G 21/00** (2006.01); **C10G 47/00** (2006.01); **C10G 47/26** (2006.01); **C10L 1/04** (2006.01)

CPC (source: EP)
C10G 21/003 (2013.01); **C10G 47/00** (2013.01); **C10G 47/26** (2013.01); **C10G 67/049** (2013.01); **C10L 1/04** (2013.01); **C10G 2300/206** (2013.01); **C10G 2300/301** (2013.01); **C10G 2300/44** (2013.01)

Cited by
US10604709B2; US11136513B2; US11795406B2; US10533141B2; US10563132B2; US10563133B2; US10584287B2; US10655074B2; US10836966B2; US11203722B2; US11441084B2; US11447706B2; US11530360B2

Designated contracting state (EPC)
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WO 2011071705 A2 20110616; WO 2011071705 A3 20111020; BR 112012013470 A2 20160517; CA 2773584 A1 20110616; CA 2773584 C 20160405; CA 2862613 A1 20110616; CA 2862613 C 20160223; CN 102652169 A 20120829; CN 102652169 B 20150610; CN 104774656 A 20150715; CN 104774656 B 20170329; EP 2510076 A2 20121017; EP 2510076 A4 20150415; JP 2013513693 A 20130422; JP 2016138277 A 20160804; MX 2012003049 A 20120703; RU 2012129236 A 20140120; RU 2517186 C2 20140527; SG 178981 A1 20120427; SG 188922 A1 20130430

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