

Title (en)
PROCESS FOR PRODUCING HYDROCARBON OIL

Title (de)
VERFAHREN ZUR HERSTELLUNG VON KOHLENWASSERSTOFFÖL

Title (fr)
PROCÉDÉ DE PRODUCTION D'HUILE HYDROCARBONÉE

Publication
EP 2500400 B8 20171025 (EN)

Application
EP 10828213 A 20101026

Priority
• JP 2009256123 A 20091109
• JP 2010068916 W 20101026

Abstract (en)
[origin: EP2500400A1] A hydrocracking process for a wax fraction that includes a wax fraction hydrocracking step of hydrocracking a wax fraction contained within liquid hydrocarbons synthesized by a Fischer-Tropsch synthesis reaction, thereby obtaining a hydrocracked product, a fractional distillation step of supplying the hydrocracked product to a fractionator in which a bottom cut temperature is set to a constant value, and obtaining at least a middle distillate and a bottom oil from the fractionator, a recycling step of resupplying all of the bottom oil to the wax fraction hydrocracking step, and a hydrocracking control step of controlling the wax fraction hydrocracking step using a flow rate of the bottom oil as an indicator.

IPC 8 full level
C10G 47/36 (2006.01); **C10G 2/00** (2006.01)

CPC (source: EP US)
C10G 2/32 (2013.01 - EP US); **C10G 47/36** (2013.01 - EP US); **C10G 2300/1022** (2013.01 - EP US); **C10G 2300/4081** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2500400 A1 20120919; EP 2500400 A4 20141224; EP 2500400 B1 20170906; EP 2500400 B8 20171025; AU 2010316361 A1 20120531; AU 2010316361 B2 20131205; BR 112012010793 A2 20200908; BR 112012010793 B1 20210727; CA 2779876 A1 20110512; CA 2779876 C 20141209; CN 102597178 A 20120718; CN 102597178 B 20150722; EA 026920 B1 20170531; EA 201290290 A1 20121228; JP 5443508 B2 20140319; JP WO2011055653 A1 20130328; MY 160874 A 20170331; NO 2500400 T3 20180203; US 2012232172 A1 20120913; WO 2011055653 A1 20110512; ZA 201203241 B 20130731

DOCDB simple family (application)
EP 10828213 A 20101026; AU 2010316361 A 20101026; BR 112012010793 A 20101026; CA 2779876 A 20101026; CN 201080050260 A 20101026; EA 201290290 A 20101026; JP 2010068916 W 20101026; JP 2011539342 A 20101026; MY PI2012700252 A 20101026; NO 10828213 A 20101026; US 201013508128 A 20101026; ZA 201203241 A 20120504