

Title (en)

ADAPTABLE UNIVERSAL METHOD FOR PRODUCING SYNTHETIC PRODUCTS

Title (de)

MODULIERBARES UNIVERSALVERFAHREN ZUR HERSTELLUNG VON SYNTHESPRODUKTEN

Title (fr)

PROCÉDÉ MODULABLE UNIVERSEL DE FABRICATION DE PRODUITS DE SYNTHÈSE

Publication

**EP 2742113 A1 20140618 (DE)**

Application

**EP 12725606 A 20120309**

Priority

- DE 102011052476 A 20110808
- DE 102012100897 A 20120203
- DE 2012100057 W 20120309

Abstract (en)

[origin: CA2844425A1] The invention relates to a method for chemically reacting mixtures of substances which are produced from solid and liquid hydrocarbons to form gas/vapour mixtures and carbonaceous substances by thermal actions, catalysis and industrial processes and a device consisting of steam-jacketed vertically and horizontally disposed reactors which are known per se with conveyor devices and further equipment in a process engineering circuit.

IPC 8 full level

**C10B 53/07** (2006.01); **B01J 8/10** (2006.01); **C10B 47/18** (2006.01); **C10B 47/44** (2006.01); **C10G 1/00** (2006.01); **C10G 1/10** (2006.01); **C10J 3/48** (2006.01); **C10J 3/66** (2006.01)

CPC (source: EP US)

**B01J 8/087** (2013.01 - EP US); **B01J 8/10** (2013.01 - EP US); **C10B 51/00** (2013.01 - EP US); **C10B 53/07** (2013.01 - EP US); **C10G 1/002** (2013.01 - EP US); **C10G 1/10** (2013.01 - EP US); **C10K 1/04** (2013.01 - EP US); **C10K 1/08** (2013.01 - EP US); **C10L 3/08** (2013.01 - US); **C10L 5/406** (2013.01 - US); **B01J 2219/00094** (2013.01 - EP US); **B01J 2219/00157** (2013.01 - EP US); **C10G 2300/807** (2013.01 - EP US); **Y02E 50/30** (2013.01 - EP US); **Y02P 20/143** (2015.11 - EP US)

Citation (search report)

See references of WO 2013020549A1

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

DOCDB simple family (publication)

**DE 102012100897 A1 20130214**; CA 2844425 A1 20130214; DE 112012003312 A5 20140430; DE 112012003312 B4 20230504; EP 2742113 A1 20140618; IL 230882 A0 20140331; JP 2014528975 A 20141030; MX 2014001479 A 20150319; RU 2014108920 A 20150920; US 2014182194 A1 20140703; US 9631153 B2 20170425; WO 2013020549 A1 20130214

DOCDB simple family (application)

**DE 102012100897 A 20120203**; CA 2844425 A 20120309; DE 112012003312 T 20120309; DE 2012100057 W 20120309; EP 12725606 A 20120309; IL 23088214 A 20140206; JP 2014524271 A 20120309; MX 2014001479 A 20120309; RU 2014108920 A 20120309; US 201214238178 A 20120309