

Title (en)

METHODS AND APPARATUSES FOR CO-PROCESSING PYROLYSIS OIL

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR CO-VERARBEITUNG VON PYROLYSEÖL

Title (fr)

PROCÉDÉS ET APPAREILS DE TRAITEMENT COMBINÉ D'UNE HUILE DE PYROLYSE

Publication

EP 3234073 A4 20180718 (EN)

Application

EP 15870701 A 20151208

Priority

- US 201414570978 A 20141215
- US 2015064425 W 20151208

Abstract (en)

[origin: US2016168481A1] Methods for co-processing pyrolysis oil streams and fuel processing apparatuses are provided. In one example, a method for co-processing a pyrolysis oil stream and a hydrocarbon stream is provided. The method includes mixing the pyrolysis oil stream and the hydrocarbon stream with a surfactant to form an emulsion. The method introduces the emulsion to a reaction zone in an fluid catalytic cracking (FCC) unit. The method includes contacting the emulsion with a catalyst in the reaction zone to form an FCC product stream.

IPC 8 full level

C10G 11/18 (2006.01); **B01F 3/08** (2006.01); **C10G 3/00** (2006.01); **C10G 33/04** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [XII] US 2013145683 A1 20130613 - FREEL BARRY A [CA], et al
- [XI] US 2014316176 A1 20141023 - FJARE KRISTI A [US], et al
- [I] US 2014288338 A1 20140925 - RADLEIN DESMOND [CA], et al
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Designated contracting state (EPC)

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