

Title (en)
CO-PROCESSING HYDROTHERMAL LIQUEFACTION OIL AND CO-FEED TO PRODUCE BIOFUELS

Title (de)
CO-BEHANDLUNG VON HYDROTHERMALEM VERFLÜSSIGUNGSÖL UND CO-SPEISUNG ZUR HERSTELLUNG VON BIOKRAFTSTOFFEN

Title (fr)
CO-TRAITEMENT D'HUILE DE LIQUÉFACTION HYDROTHERMALE ET DE CO-CHARGE POUR PRODUIRE DES BIOCARBURANTS

Publication
EP 3856874 A1 20210804 (EN)

Application
EP 19789806 A 20190924

Priority
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• US 2019052686 W 20190924

Abstract (en)
[origin: US2020095510A1] The present disclosure relates to processes for producing biofuel compositions by processing hydrocarbon co-feed and a bio-oil obtained via hydrothermal liquifaction (HTL) of a cellulosic biomass to form an HTL oil. The cellulosic mass can be processed at an operating temperature of about 425° C. or less and an operating pressure of about 200 atm or less. The HTL oil is co-processed with a hydrocarbon co-feed (e.g., petroleum fraction) in a cracking unit, such as an FCC unit, a coker unit or a visbreaking unit, in the presence of a catalyst to produce a cracked product (biofuel). The bio content of the cracked product provides RIN credits for the cracked product.

IPC 8 full level
C10G 3/00 (2006.01); **C10G 11/00** (2006.01); **C10G 11/18** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2020068820A1

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DOCDB simple family (publication)
US 2020095510 A1 20200326; CA 3112833 A1 20200402; EP 3856874 A1 20210804; WO 2020068820 A1 20200402

DOCDB simple family (application)
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