Title (en)
METHOD FOR THE PRODUCTION OF FATTY ACIDS BY HYDROLYTIC ESTER CLEAVAGE WITH HIGH TEMPERATURE WATER

Title (de)
VERFAHREN ZUM HERSTELLEN VON FETTSÄUREN DURCH HYDROLYTISCHE ESTERSPALTUNG IN WASSER BEI HOHEN TEMPERATUR

Title (fr)
PROCÉDÉ DE FABRICATION D'ACIDES GRAS PAR HYDROLYSE UTILISANT DANS L'EAU À HAUTE TEMPÉRATURE

Publication
EP 3266857 B1 20200101 (DE)

Application
EP 16400026 A 20160708

Priority
EP 16400026 A 20160708

Abstract (en)
[origin: WO2018007022A1] A process and a plant are specified, with which free fatty acids can be obtained in a simple manner by hydrolysis of fatty acid alkyl esters, especially fatty acid methyl esters (FAME), or alternatively of fatty acid triglycerides present in oils and fats of vegetable and animal origin. According to the invention, a portion of the free fatty acids already produced is recycled back into the reaction mixture, which results in self-acceleration of the hydrolysis reaction.

IPC 8 full level
C11C 1/04 (2006.01); C11C 1/08 (2006.01); C11C 3/00 (2006.01)

CPC (source: EP US)
C11C 1/04 (2013.01 - EP US); C11C 1/08 (2013.01 - EP US); C11C 3/003 (2013.01 - EP US)

Citation (examination)
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- US 2002197687 A1 20021226 - BRUNNER KARLHEINZ [DE], et al
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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)
EP 3266857 A1 20180110; **EP 3266857 B1 20200101**; BR 112019000037 A2 20190416; CN 107586622 A 20180116; CN 107586622 B 20230530; CN 207468571 U 20180608; CO 2019001040 A2 20190208; MY 197420 A 20230616; PH 12019500013 A1 20191028; SG 11201811694X A 20190130; US 10696922 B2 20200630; US 2019211282 A1 20190711; WO 2018007022 A1 20180111

DOCDB simple family (application)
EP 16400026 A 20160708; BR 112019000037 A 20170627; CN 201710550533 A 20170707; CN 201720825169 U 20170707; CO 2019001040 A 20190131; EP 2017025181 W 20170627; MY PI2018002995 A 20170627; PH 12019500013 A 20190103; SG 11201811694X A 20170627; US 201716316248 A 20170627