

Title (en)

METHOD AND DEVICE FOR PROCESSING AN ORGANIC OIL IN STEPS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SCHRITTWEISEN AUFARBEITUNG EINES ORGANISCHEN ÖLS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRAITEMENT PAR ÉTAPES D'UNE HUILE ORGANIQUE

Publication

EP 3152283 B1 20200805 (DE)

Application

EP 15727638 A 20150603

Priority

- DE 102014107976 A 20140605
- EP 2015062434 W 20150603

Abstract (en)

[origin: WO2015185657A1] The invention relates to a method for processing an organic oil in steps, comprising the following steps: A) providing a raw oil; B) degumming the raw oil by adding water or acid to the raw oil and forming at least two phases, an aqueous phase and an oil phase, and separating the aqueous phase enriched in phospholipid from the oil phase; C) adding sodium hydrogencarbonate and/or sodium acetate to the oil phase from step B, and removing alkaline-earth compounds and/or phospholipids and/or stearyl acetate dissolved or suspended in an aqueous phase from the oil phase. The invention further relates to a device for performing the method.

IPC 8 full level

C11B 3/00 (2006.01); **C11B 3/04** (2006.01); **C11B 3/06** (2006.01); **C11B 3/16** (2006.01)

CPC (source: CN EP US)

C11B 3/001 (2013.01 - CN EP US); **C11B 3/006** (2013.01 - CN EP US); **C11B 3/04** (2013.01 - CN EP US); **C11B 3/06** (2013.01 - CN EP US); **C11B 3/10** (2013.01 - CN 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

DOCDB simple family (publication)

WO 2015185657 A1 20151210; BR 112016027964 A2 20170822; BR 112016027964 B1 20211130; CA 2950806 A1 20151210; CA 2950806 C 20211228; CN 106459828 A 20170222; DK 3152283 T3 20201102; EP 3152283 A1 20170412; EP 3152283 B1 20200805; ES 2829643 T3 20210601; JP 2017519892 A 20170720; JP 6574837 B2 20190911; MY 177293 A 20200911; PL 3152283 T3 20210208; RU 2016150076 A 20180709; RU 2016150076 A3 20180921; US 10214705 B2 20190226; US 2017107449 A1 20170420

DOCDB simple family (application)

EP 2015062434 W 20150603; BR 112016027964 A 20150603; CA 2950806 A 20150603; CN 201580033299 A 20150603; DK 15727638 T 20150603; EP 15727638 A 20150603; ES 15727638 T 20150603; JP 2017516197 A 20150603; MY PI2016704502 A 20150603; PL 15727638 T 20150603; RU 2016150076 A 20150603; US 201515315897 A 20150603