

Title (en)

METHOD FOR DEGUMMING TRIGLYCERIDE OILS

Title (de)

VERFAHREN ZUR ENTSCHEIMUNG VON TRIGLYZERIDÖLEN

Title (fr)

PROCÉDÉ DE DÉGOMMAGE D'HUILES TRIGLYCÉRIDQUES

Publication

EP 3292190 B1 20200819 (EN)

Application

EP 15891363 A 20150506

Priority

US 2015029388 W 20150506

Abstract (en)

[origin: WO2016178676A1] A multi-stage homogenization method for degumming triglyceride oil is used to increase oil yield and reduce impurities. Two high-pressure homogenizers are used in series. The homogenizers have multiple flow constrictions to finely disperse reagents in the oil while simultaneously suppressing cavitation in the fluid. A separation step can be used to remove the phosphatides and other impurities from the treated oil to form a purified oil product.

IPC 8 full level

C11B 3/16 (2006.01)

CPC (source: EP)

C11B 3/001 (2013.01); **C11B 3/04** (2013.01); **C11B 3/06** (2013.01); **C11B 3/16** (2013.01)

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 2016178676 A1 20161110; BR 112017023635 A2 20180717; BR 112017023635 B1 20211130; CA 2984883 A1 20161110; CA 2984883 C 20220405; EP 3292190 A1 20180314; EP 3292190 A4 20181219; EP 3292190 B1 20200819; MX 2017013955 A 20180411

DOCDB simple family (application)

US 2015029388 W 20150506; BR 112017023635 A 20150506; CA 2984883 A 20150506; EP 15891363 A 20150506; MX 2017013955 A 20150506