Title (en)
METHOD FOR EMULSION TREATMENT

Title (de)
VERFAHREN ZUR EMULSIONSBEHANDLUNG

Title (fr)
PROCÉDÉ DE TRAITEMENT D'UNE ÉMULSION

Publication
EP 2838648 B1 20170322 (DE)

Application
EP 13719443 A 20130418

Priority
- DE 102012206399 A 20120418
- EP 2013058060 W 20130418

Abstract (en)
[origin: CA2870701A1] The invention relates to a method for producing a phase-stable fluid in which: a) in a first step, a lipophilic fluid is mixed with a hydrophilic fluid, therefore creating a mixture of fluids; b) in a second step, the static pressure of the mixture is brought below the vapour pressure of at least one of the fluids, therefore creating cavitation bubbles; and c) in a third step, the cavitation bubbles are caused to implode, wherein a single-phase phase-stable fluid is created.

IPC 8 full level
B01F 23/47 (2022.01); **B01F 25/46** (2022.01); **B01F 25/60** (2022.01); **B01F 25/64** (2022.01)

CPC (source: EP RU US)
B01F 23/41 (2022.01 - US); **B01F 23/4105** (2022.01 - EP US); **B01F 23/4145** (2022.01 - EP); **B01F 25/423** (2022.01 - US); **B01F 25/4314** (2022.01 - EP US); **B01F 25/4341** (2022.01 - EP US); **B01F 25/4521** (2022.01 - EP US); **B01F 25/45241** (2022.01 - EP US); **B01F 25/46** (2022.01 - EP US); **B01F 25/60** (2022.01 - US); **B01F 25/64** (2022.01 - EP US); **B01F 33/821** (2022.01 - EP US); B01F 23/40 (2022.01 - RU); B01F 23/413 (2022.01 - EP US); B01F 23/4145 (2022.01 - US); B01F 25/40 (2022.01 - RU); B01F 25/46 (2022.01 - RU); B01F 25/64 (2022.01 - RU)

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)
DE 102012206399 A1 20131024; **DE 102012206399 B4 20180104**; AU 2013251106 A1 20141106; AU 2013251106 B2 20180201; CA 2870701 A1 20131024; CA 2870701 C 20200505; CN 104245104 A 20141224; CN 104245104 B 20171020; EP 2838648 A1 20150225; EP 2838648 B1 20170322; IN 2281MUN2014 A 20150807; JP 2015517908 A 20150625; JP 6158304 B2 20170705; MY 164592 A 20180115; RU 2014146204 A 20160610; RU 2633568 C2 20171013; SG 11201406627T A 20141230; US 2015071026 A1 20150312; US 9815034 B2 20171114; WO 2013156556 A1 20131024; ZA 201407215 B 20151028

DOCDB simple family (application)
DE 102012206399 A 20120418; AU 2013251106 A 20130418; CA 2870701 A 20130418; CN 201380020575 A 20130418; EP 13719443 A 20130418; EP 2013058060 W 20130418; IN 2281MUN2014 A 20141111; JP 2015506236 A 20130418; MY PI2014002927 A 20130418; RU 2014146204 A 20130418; SG 11201406627T A 20130418; US 201314395561 A 20130418; ZA 201407215 A 20141006