

Title (en)

USE OF PROTEINS AS DEMULSIFYING AGENTS

Title (de)

VERWENDUNG VON PROTEINEN ALS DEMULGATOREN

Title (fr)

UTILISATION DE PROTEINES COMME DESEMULSIFANTS

Publication

EP 1868698 A1 20071226 (DE)

Application

EP 06725388 A 20060329

Priority

- EP 2006061132 W 20060329
- EP 05007208 A 20050401
- EP 05016962 A 20050804
- EP 06725388 A 20060329

Abstract (en)

[origin: WO2006103251A1] The invention relates to the use of at least one protein, especially at least one hydrophobin or at least one derivative thereof, for improving the phase separation in compositions containing at least two liquid phases. The invention also relates to a method for separating at least two liquid phases in a composition containing at least two liquid phases, and formulations containing at least one compound selected from the group consisting of fuels, combustibles, crude oil or water-soluble or oil-soluble polymer solutions, and at least one protein, especially at least one hydrophobin or derivatives thereof.

IPC 8 full level

B01D 17/04 (2006.01); **B01D 17/05** (2006.01); **C07K 14/375** (2006.01); **C10G 33/04** (2006.01); **C10L 1/22** (2006.01); **C10L 1/24** (2006.01); **C10L 1/26** (2006.01)

CPC (source: EP KR US)

B01D 17/04 (2013.01 - KR); **B01D 17/042** (2013.01 - EP US); **B01D 17/047** (2013.01 - EP US); **C07K 14/37** (2013.01 - EP US); **C10G 33/04** (2013.01 - EP KR US); **C10L 1/22** (2013.01 - KR); **C10L 1/2381** (2013.01 - EP US); **C10L 1/2475** (2013.01 - EP US); **C10L 1/2683** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US); **C10G 2300/1033** (2013.01 - EP US); **C10G 2300/104** (2013.01 - EP US); **C10G 2300/1044** (2013.01 - EP US); **C10G 2300/1055** (2013.01 - EP US); **C10G 2300/805** (2013.01 - EP US)

Citation (search report)

See references of WO 2006103251A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006103251 A1 20061005; BR PI0609776 A2 20111018; CA 2599985 A1 20061005; CA 2599985 C 20121113; CN 101151081 A 20080326; CN 101151081 B 20120229; EP 1868698 A1 20071226; KR 20070118157 A 20071213; MX 2007011125 A 20071023; NO 20074580 L 20071029; US 2010170142 A1 20100708

DOCDB simple family (application)

EP 2006061132 W 20060329; BR PI0609776 A 20060329; CA 2599985 A 20060329; CN 200680010141 A 20060329; EP 06725388 A 20060329; KR 20077025100 A 20071030; MX 2007011125 A 20060329; NO 20074580 A 20070911; US 88661006 A 20060329