

Title (en)
DEMULSIFIER COMPOSITION AND METHOD OF USING SAME

Title (de)
DEMULGATORZUSAMMENSETZUNG UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)
COMPOSITION DÉMULSIFIANTE ET SON PROCÉDÉ D'UTILISATION

Publication
EP 2838633 A4 20151216 (EN)

Application
EP 13778640 A 20130419

Priority
• US 201213452222 A 20120420
• US 2013037361 W 20130419

Abstract (en)
[origin: WO2013158989A1] Disclosed and claimed is a microemulsion-based demulsifier composition and a method of demulsifying an emulsion comprising hydrocarbon and water. The demulsifier composition includes (i) an oil-like phase comprising at least one nonionic surfactant having a hydrophilic-lipophilic balance (HLB) of less than about 9; (ii) a coupling agent capable of stabilizing the demulsifier composition; (iii) at least one water-soluble or dispersible nonionic surfactant that is different from the at least one nonionic surfactant in the oil-like phase; (iv) at least one additional surfactant selected from anionic, cationic, amphoteric, and combinations thereof; (v) at least one nonionic demulsifier; and (vi) water.

IPC 8 full level
B01D 17/05 (2006.01); **B01D 17/04** (2006.01); **C09K 3/32** (2006.01); **C09K 8/524** (2006.01); **C09K 8/60** (2006.01); **C10G 33/04** (2006.01)

CPC (source: EP)
B01D 17/047 (2013.01); **C09K 8/524** (2013.01); **C09K 8/602** (2013.01); **C10G 33/04** (2013.01)

Citation (search report)
• [XA] US 6147047 A 20001114 - ROBBINS MICHAEL H [US], et al
• [XA] US 5854187 A 19981229 - BLUM ROBERT L [US], et al
• See also references of WO 2013158989A1

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 2013158989 A1 20131024; AU 2013249130 A1 20140911; AU 2013249130 B2 20160630; AU 2016225821 A1 20160922; AU 2016225821 B2 20180712; BR 112014022515 B1 20210119; CA 2867595 A1 20131024; CA 2867595 C 20170110; EP 2838633 A1 20150225; EP 2838633 A4 20151216

DOCDB simple family (application)
US 2013037361 W 20130419; AU 2013249130 A 20130419; AU 2016225821 A 20160907; BR 112014022515 A 20130419; CA 2867595 A 20130419; EP 13778640 A 20130419