

Title (en)
WATER IN OIL EMULSIFIER COMPOSITION AND THE USE THEREOF

Title (de)
WASSER-IN-ÖL-EMULGATORZUSAMMENSETZUNG UND DEREN VERWENDUNG

Title (fr)
COMPOSITION D'ÉMULSIFIANT EAU DANS HUILE ET SON UTILISATION

Publication
EP 3713538 A4 20210707 (EN)

Application
EP 17932010 A 20171120

Priority
CN 2017111844 W 20171120

Abstract (en)
[origin: WO2019095364A1] An emulsifier composition comprising (A) A primary emulsifier selected from alkyl and polyether modified polysiloxane emulsifiers, wherein the emulsifier has an HLB value of less than 12; (B) A co-emulsifier, wherein the co-emulsifier is an ester formed by a polyether polyol or polyol with a C1-C22 fatty acid, and has an HLB value from 4 to 13; and optionally (B') An additional emulsifier ingredient; and optionally (C) A particle selected from silica particles and metal salts of a fatty acid with 8-22 carbon atoms. The composition enables preparation of a stable W/O emulsion in just one-step. A use of the emulsifier composition, a stable W/O emulsion and the preparation process thereof is also provided.

IPC 8 full level
A61K 8/06 (2006.01); **A61K 8/34** (2006.01); **A61K 8/37** (2006.01); **A61K 8/86** (2006.01); **A61K 8/891** (2006.01); **A61K 8/894** (2006.01); **A61Q 19/00** (2006.01)

CPC (source: EP)
A61K 8/064 (2013.01); **A61K 8/345** (2013.01); **A61K 8/375** (2013.01); **A61K 8/86** (2013.01); **A61K 8/891** (2013.01); **A61K 8/894** (2013.01); **A61Q 19/00** (2013.01); **A61K 2800/412** (2013.01); **A61K 2800/413** (2013.01); **A61K 2800/87** (2013.01)

Citation (search report)
• [XY] WO 2009016064 A1 20090205 - CIBA HOLDING INC [CH], et al
• [XY] EP 2301987 A1 20110330 - EVONIK GOLDSCHMIDT GMBH [DE]
• [XY] WO 2008043386 A1 20080417 - EVONIK GOLDSCHMIDT GMBH [DE], et al
• [Y] EP 1291010 A2 20030312 - BASF AG [DE]
• See references of WO 2019095364A1

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 2019095364 A1 20190523; CN 111356430 A 20200630; EP 3713538 A1 20200930; EP 3713538 A4 20210707

DOCDB simple family (application)
CN 2017111844 W 20171120; CN 201780096990 A 20171120; EP 17932010 A 20171120