

Title (en)  
APPARATUS AND METHOD FOR THE MANUFACTURE OF AN EMULSION

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER EMULSION

Title (fr)  
APPAREIL ET PROCÉDÉ POUR LA FABRICATION D'UNE ÉMULSION

Publication  
**EP 2240263 A1 20101020 (EN)**

Application  
**EP 09701326 A 20090109**

Priority  
• EP 2009050204 W 20090109  
• DE 102008003577 A 20080109

Abstract (en)  
[origin: WO2009087209A1] The present invention relates to an apparatus (10) for the manufacture of an emulsion (20). The emulsion (20) consists of oil (21) and water (22). The apparatus (10) comprises a housing (30) with a first inlet (40) for oil (21) and a second inlet (50) for water (22). Furthermore the apparatus (10) comprises an outlet (60) on the housing (30) for the manufactured emulsion (20). Furthermore the apparatus (10) includes a cylindrical rotating element (70), which is at least partially enveloped by the housing (30). The cylindrical rotating element (70) has a section wise a shovel-shaped contoured thread (80) in a portion.

IPC 8 full level  
**B01F 7/00** (2006.01); **B01F 3/08** (2006.01); **F23K 5/12** (2006.01)

CPC (source: EP)  
**B01F 23/41** (2022.01); **B01F 27/2722** (2022.01); **B01F 2101/505** (2022.01)

Citation (search report)  
See references of WO 2009087209A1

Designated contracting state (EPC)  
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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2009087209 A1 20090716**; EP 2240263 A1 20101020

DOCDB simple family (application)  
**EP 2009050204 W 20090109**; EP 09701326 A 20090109