

Title (en)

METHOD FOR PREPARING FINELY DIVIDED EMULSIONS

Title (de)

VERFAHREN ZUR HERSTELLUNG FEINTEILIGER EMULSIONEN

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE ÉMULSION AYANT DE FINES GOUTTELETTES

Publication

**EP 2162112 A2 20100317 (DE)**

Application

**EP 08773439 A 20080614**

Priority

- EP 2008004802 W 20080614
- EP 07011967 A 20070619
- DE 102007046575 A 20070927
- DE 102008017032 A 20080403
- DE 102008017034 A 20080403
- DE 102008022433 A 20080507
- EP 08773439 A 20080614

Abstract (en)

[origin: WO2008155074A2] Finely divided emulsions, preferably for use in cosmetic preparations can be produced by first producing a microemulsion which contains at least 10 - 20% by weight of an alkyl(oligo)glycoside of general formula R<sub>1</sub>O-[G]<sub>p</sub> wherein R<sub>1</sub> represents an alkyl group and/or alkenyl group with 4 to 22 carbon atoms, G represents a sugar with 5 or 6 carbon atoms and p is a number from 1 to 10 and 4 - 10% of an ester of glycerol with a fatty acid having a chain length of C<sub>12</sub>-C<sub>22</sub> and 5 - 30% by weight of an oil body and the remainder to 100% by weight being constituted of water and optionally other ingredients, and then diluting said microemulsion with water amounting to 5 to 20 times the volume of the microemulsion at temperatures of 15 to 35°C.

IPC 8 full level

**A61K 8/06** (2006.01); **A61K 8/37** (2006.01); **A61K 8/60** (2006.01); **A61Q 5/00** (2006.01); **A61Q 19/00** (2006.01)

CPC (source: EP US)

**A61K 8/068** (2013.01 - EP US); **A61K 8/375** (2013.01 - EP US); **A61K 8/604** (2013.01 - EP US); **A61K 8/731** (2013.01 - EP US);  
**A61K 8/817** (2013.01 - EP US); **A61K 31/01** (2013.01 - EP US); **A61Q 5/00** (2013.01 - EP US); **A61Q 5/02** (2013.01 - EP US);  
**A61Q 5/12** (2013.01 - EP US); **A61Q 19/00** (2013.01 - EP US); **A61Q 19/10** (2013.01 - EP US); **A61K 2800/5426** (2013.01 - EP US)

Citation (search report)

See references of WO 2008155074A2

Citation (examination)

human translation of JP2005239674

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**WO 2008155074 A2 20081224**; **WO 2008155074 A3 20100128**; CN 101835451 A 20100915; EP 2162112 A2 20100317;  
JP 2010530297 A 20100909; JP 2013237672 A 20131128; JP 5690138 B2 20150325; US 2010247588 A1 20100930

DOCDB simple family (application)

**EP 2008004802 W 20080614**; CN 200880020996 A 20080614; EP 08773439 A 20080614; JP 2010512581 A 20080614;  
JP 2013123436 A 20130612; US 66549408 A 20080614