

Title (en)  
NEW OIL-IN-WATER NANOEMULSION

Title (de)  
NEUE ÖL-IN-WASSER-NANOEMULSION

Title (fr)  
NOUVELLE NANOÉMULSION HUILE-DANS-EAU

Publication  
**EP 4362918 A1 20240508 (DE)**

Application  
**EP 22732977 A 20220603**

Priority  
• DE 102021205664 A 20210603  
• EP 2022065202 W 20220603

Abstract (en)  
[origin: CA3220495A1] The invention relates to a novel oil-in-water nanoemulsion on vegetable oil basis, which is particularly suitable for providing fat-soluble substances. The nanoemulsion consists exclusively of natural substances and is therefore particularly suitable for oral application. In addition, the nanoemulsion is characterized by high long-term stability and shelf life. The nanoemulsion can be used in the field of pharmacology or cosmetics as well as an additive in foodstuffs. A method for producing the novel oil-in-water nanoemulsion is also provided.

IPC 8 full level  
**A61K 9/107** (2006.01); **A23L 33/00** (2016.01); **A61K 8/00** (2006.01); **A61K 31/05** (2006.01); **A61K 47/10** (2017.01); **A61K 47/12** (2006.01); **A61K 47/14** (2017.01); **A61K 47/24** (2006.01); **A61K 47/26** (2006.01); **A61K 47/44** (2017.01)

CPC (source: EP)  
**A61K 8/062** (2013.01); **A61K 8/34** (2013.01); **A61K 8/345** (2013.01); **A61K 8/375** (2013.01); **A61K 8/553** (2013.01); **A61K 8/60** (2013.01); **A61K 8/922** (2013.01); **A61K 9/1075** (2013.01); **A61K 31/05** (2013.01); **A61K 47/10** (2013.01); **A61K 47/12** (2013.01); **A61K 47/14** (2013.01); **A61K 47/24** (2013.01); **A61K 47/26** (2013.01); **A61K 47/44** (2013.01); **A61Q 19/00** (2013.01); **A61K 2800/10** (2013.01); **A61K 2800/413** (2013.01)

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021205664 A1 20221208**; CA 3220495 A1 20221208; EP 4362918 A1 20240508; WO 2022254014 A1 20221208

DOCDB simple family (application)  
**DE 102021205664 A 20210603**; CA 3220495 A 20220603; EP 2022065202 W 20220603; EP 22732977 A 20220603