

Title (en)
PHARMACEUTICAL COMPOSITION IN THE FORM OF VEGETABLE OIL-BASED NANOEMULSION, MULTIPHASE COMPOSITION AND METHOD OF PREPARATION OF THESE COMPOSITIONS

Title (de)
PHARMAZEUTISCHE ZUSAMMENSETZUNG IN FORM EINER NANOEMULSION AUF PFLANZENÖLBASIS, MEHRPHASIGE ZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG DIESER ZUSAMMENSETZUNGEN

Title (fr)
COMPOSITION PHARMACEUTIQUE SOUS FORME DE NANO-ÉMULSION À BASE D'HUILE VÉGÉTALE, COMPOSITION MULTIPHASE ET PROCÉDÉ DE PRÉPARATION DE CES COMPOSITIONS

Publication
EP 4370096 A1 20240522 (EN)

Application
EP 22783381 A 20220715

Priority

- PL 43850121 A 20210716
- PL 2022000039 W 20220715

Abstract (en)
[origin: WO2023287309A1] The first object of the invention is a nanoemulsion composition based on vegetable oil, characterized in that it comprises vegetable oil, which is rapeseed oil, in an amount of 10 to 60 parts by mass of rapeseed oil, 12 to 20 parts by mass of P188 block copolymer of ethylene oxide and oxide propylene, from 40 to 60 parts by mass of purified water, from 1 to 12 parts by mass of sorbitan monooleate, from 5 to 20 parts by mass of polyol, from 0.10 to 0.50 parts by mass of lactic acid, from 0.5 to 5.0 parts by mass of clotrimazole, wherein the oil phase droplets have a hydrodynamic diameter ranging from 50 nm to 70 nm. The second object of the invention is a multiphase composition based on nanoemulsion of vegetable oil, characterized in that it contains a polysaccharide phase in an amount from 10 to 50 parts by mass and a nanoemulsion according to the first object of the invention in an amount from 50 to 90 parts by mass, wherein the multiphase composition is in the form of a nanoemulgel wherein the multiphase composition has a dynamic viscosity from 220 mPa • s to 580 mPa • s.

IPC 8 full level
A61K 9/00 (2006.01); **A61K 9/06** (2006.01); **A61K 9/107** (2006.01); **A61K 31/4174** (2006.01); **A61K 47/36** (2006.01)

CPC (source: EP PL)
A61K 9/0034 (2013.01 - EP); **A61K 9/0036** (2013.01 - PL); **A61K 9/06** (2013.01 - EP); **A61K 9/10** (2013.01 - PL); **A61K 9/107** (2013.01 - PL); **A61K 9/1075** (2013.01 - EP PL); **A61K 31/4164** (2013.01 - PL); **A61K 31/4174** (2013.01 - EP); **A61K 47/10** (2013.01 - PL); **A61K 47/26** (2013.01 - PL); **A61K 47/36** (2013.01 - EP PL); **A61K 47/44** (2013.01 - PL); **A61P 15/02** (2018.01 - PL); **A61P 31/10** (2018.01 - PL); **Y02A 50/30** (2018.01 - EP)

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)
WO 2023287309 A1 20230119; EP 4370096 A1 20240522; PL 438501 A1 20230123

DOCDB simple family (application)
PL 2022000039 W 20220715; EP 22783381 A 20220715; PL 43850121 A 20210716