

Title (en)
LIPID-OIL-WATER NANOEMULSION DELIVERY SYSTEM FOR MICROTUBULE-INTERACTING AGENTS

Title (de)
LIPID-ÖL-WASSER-NANOEMULSIONS-ABGABESYSTEM FÜR WIRKSTOFFE MIT MIKROTUBULI-INTERAKTION

Title (fr)
SYSTÈME DE DÉLIVRANCE EN NANOÉMULSION LIPIDE-HUILE-EAU POUR AGENTS INTERAGISSANT AVEC LES MICROTUBULES

Publication
EP 2262369 A1 20101222 (EN)

Application
EP 08742550 A 20080404

Priority
US 2008004393 W 20080404

Abstract (en)
[origin: WO2009123595A1] A pharmaceutical composition, and methods of use and preparation thereof, beneficial in treating, diagnosing, and preventing a disease, condition, syndrome, or symptoms thereof, characterized by cellular hyperproliferation such as cancer, in warm-blooded animals, including humans, incorporates a lipid nanoemulsion, prepared by processing through homogenization, comprised of lipid particles each comprising at least one non-bilayer- forming lipid capable of being preferentially and selectively actively internalized within a diseased cell; an effective amount of at least one therapeutic or diagnostic microtubule- interacting agent associated with the nanoemulsion; and a pharmaceutically- acceptable carrier. In a preferred embodiment, the composition may also be comprised of a protein carrier molecule and/or emulsion-enhancing agents such as a surfactant, a plant-based fat source, a solvent, and combinations thereof.

IPC 8 full level
A01N 47/28 (2006.01); **A61K 9/107** (2006.01); **A61K 9/127** (2006.01); **A61K 31/17** (2006.01)

CPC (source: EP)
A61K 9/0019 (2013.01); **A61K 9/1075** (2013.01); **A61K 31/17** (2013.01); **A61K 47/24** (2013.01); **A61K 47/26** (2013.01); **A61P 35/00** (2017.12)

Cited by
US10220095B2; US11147881B2

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 2009123595 A1 20091008; AU 2008354007 A1 20091008; BR PI0821895 A2 20141007; CA 2720390 A1 20091008; CN 102046011 A 20110504; EP 2262369 A1 20101222; EP 2262369 A4 20130529; IL 208386 A0 20101230; JP 2011516472 A 20110526; KR 20110009128 A 20110127

DOCDB simple family (application)
US 2008004393 W 20080404; AU 2008354007 A 20080404; BR PI0821895 A 20080404; CA 2720390 A 20080404; CN 200880129433 A 20080404; EP 08742550 A 20080404; IL 20838610 A 20101003; JP 2011502906 A 20080404; KR 20107024777 A 20080404