

Title (en)

AGENT-ENRICHED NANOPARTICLES BASED ON HYDROPHILIC PROTEINS

Title (de)

WIRKSTOFFBELADENE NANOPARTIKEL AUF BASIS HYDROPHILER PROTEINE

Title (fr)

NANOPARTICULES CHARGÉES D'AGENT ACTIF, À BASE DE PROTÉINES HYDROPHILES

Publication

EP 1993609 A2 20081126 (DE)

Application

EP 07711691 A 20070227

Priority

- EP 2007001675 W 20070227
- DE 102006011507 A 20060314

Abstract (en)

[origin: US2009304720A1] Active agent-loaded nanoparticles that are based on a hydrophilic protein or a combination of hydrophilic proteins, and methods for producing the nanoparticles and the use thereof. Functional proteins or peptide fragments are bound to the nanoparticles via polyethylene glycol-alpha-maleimide-omega-NHS esters.

IPC 8 full level

A61K 31/451 (2006.01); **A61K 47/48** (2006.01)

CPC (source: EP KR US)

A61K 31/451 (2013.01 - EP KR US); **A61K 47/50** (2017.07 - KR); **A61K 47/62** (2017.07 - EP US); **A61K 47/643** (2017.07 - EP US); **A61K 47/6931** (2017.07 - EP US); **A61P 25/00** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **B82Y 5/00** (2013.01 - EP US); **B82Y 5/00** (2013.01 - KR)

Citation (search report)

See references of WO 2007104422A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2009304720 A1 20091210; AU 2007226816 A1 20070920; BR PI0709296 A2 20110705; CA 2646447 A1 20070920; CN 101443045 A 20090527; DE 102006011507 A1 20070920; EP 1993609 A2 20081126; IL 193971 A0 20090922; JP 2009529547 A 20090820; KR 20080100376 A 20081117; MX 2008011428 A 20080922; NZ 571929 A 20110729; RU 2008140370 A 20100420; RU 2424819 C2 20110727; WO 2007104422 A2 20070920; WO 2007104422 A3 20080320; WO 2007104422 A8 20071108; ZA 200806998 B 20090729

DOCDB simple family (application)

US 22515107 A 20070227; AU 2007226816 A 20070227; BR PI0709296 A 20070227; CA 2646447 A 20070227; CN 200780008509 A 20070227; DE 102006011507 A 20060314; EP 07711691 A 20070227; EP 2007001675 W 20070227; IL 19397108 A 20080908; JP 2008558668 A 20070227; KR 20087023599 A 20080926; MX 2008011428 A 20070227; NZ 57192907 A 20070227; RU 2008140370 A 20070227; ZA 200806998 A 20080814