

Title (en)

METHOD FOR NANOPARTICLE COATING OF SURFACES

Title (de)

VERFAHREN ZUR NANOPARTICLE COATING OF SURFACES

Title (fr)

PROCÉDÉ DE REVÊTEMENT NANOPARTICULAIRE DE SURFACES

Publication

EP 2111305 A2 20091028 (EN)

Application

EP 08725099 A 20080131

Priority

- US 2008001410 W 20080131
- US 88759707 P 20070131
- US 66993707 A 20070131

Abstract (en)

[origin: WO2008094700A2] A nanoparticle coated hydrogel may be formed by a method of electrospraying nanoparticles on to a surface includes providing a drug and polymer combination in solvent to an inner capillary of a coaxial dual capillary spray nozzle. A coating with a drug that releases over time may be provided. Open and closed matrixes may be selectively formed to help modify time release periods.

IPC 8 full level

A61L 27/34 (2006.01); **A61L 27/54** (2006.01); **A61L 29/08** (2006.01); **A61L 29/16** (2006.01); **A61L 31/10** (2006.01); **A61L 31/16** (2006.01); **B05B 5/00** (2006.01); **B05D 1/06** (2006.01); **B05D 1/34** (2006.01); **B05B 5/025** (2006.01); **B05B 5/03** (2006.01); **B05B 5/08** (2006.01); **B05B 7/06** (2006.01); **B05D 1/04** (2006.01)

CPC (source: EP)

A61K 9/5138 (2013.01); **A61K 9/5153** (2013.01); **A61L 27/34** (2013.01); **A61L 27/54** (2013.01); **A61L 29/085** (2013.01); **A61L 29/16** (2013.01); **A61L 31/10** (2013.01); **A61L 31/16** (2013.01); **B05B 5/003** (2013.01); **B05B 5/004** (2013.01); **B05D 1/06** (2013.01); **B05D 1/34** (2013.01); **A61L 2300/00** (2013.01); **A61L 2400/12** (2013.01); **B05B 5/025** (2013.01); **B05B 5/03** (2013.01); **B05B 5/08** (2013.01); **B05B 7/061** (2013.01); **B05D 1/04** (2013.01); **B05D 2451/00** (2013.01)

Citation (search report)

See references of WO 2008094700A2

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

DOCDB simple family (publication)

WO 2008094700 A2 20080807; **WO 2008094700 A3 20081224**; CA 2677081 A1 20080807; CA 2677081 C 20160119; EP 2111305 A2 20091028

DOCDB simple family (application)

US 2008001410 W 20080131; CA 2677081 A 20080131; EP 08725099 A 20080131