

Title (en)
COMPOSITIONS CONTAINING PROTEIN LOADED EXOSOME AND METHODS FOR PREPARING AND DELIVERING THE SAME

Title (de)
ZUSAMMENSETZUNGEN MIT PROTEINBELADENEM EXOSOM UND VERFAHREN ZUR HERSTELLUNG UND FREISETZUNG DAVON

Title (fr)
COMPOSITIONS CONTENANT UN EXOSOME CHARGÉ D'UNE PROTÉINE, ET PROCÉDÉS DE PRÉPARATION ET D'ADMINISTRATION CORRESPONDANTS

Publication
EP 3356522 A1 20180808 (EN)

Application
EP 17856859 A 20170929

Priority

- KR 20160126335 A 20160930
- KR 20160126921 A 20160930
- KR 20160126961 A 20160930
- KR 20160127486 A 20161004
- KR 20160132616 A 20161013
- KR 20170018637 A 20170210
- KR 2017011070 W 20170929

Abstract (en)
[origin: WO2018062973A1] The present invention relates to a method for the mass-production of exosome comprising a cargo protein, a vector for preparing the exosome, exosome including a cargo protein prepared by the method, and a method for loading the cargo protein to cytosol by using the exosome prepared thereby. According to the method for preparing an exosome comprising a cargo protein provided by the present invention, the exosome loaded with a cargo protein can be produced with a high yield, so that it can be used broadly in the treatment of disease using the exosome.

IPC 8 full level
A61K 9/127 (2006.01); **A61K 38/47** (2006.01); **C12N 9/22** (2006.01); **C12N 9/24** (2006.01); **C12N 15/113** (2010.01); **C12N 15/63** (2006.01); **C12N 15/85** (2006.01); **C12N 15/88** (2006.01)

CPC (source: EP IL)
A61K 9/1272 (2013.01 - EP IL); **A61K 38/1709** (2013.01 - EP IL); **A61K 38/1761** (2013.01 - EP IL); **A61K 38/44** (2013.01 - EP IL); **A61K 38/47** (2013.01 - EP IL); **A61P 3/00** (2017.12 - EP IL); **A61P 29/00** (2017.12 - EP IL); **A61P 35/00** (2017.12 - EP IL); **A61P 39/06** (2017.12 - EP IL); **C07K 14/4702** (2013.01 - IL); **C12N 9/22** (2013.01 - IL); **C12N 9/24** (2013.01 - IL); **C12N 15/85** (2013.01 - EP IL); **C12N 15/88** (2013.01 - EP IL); **C12N 15/90** (2013.01 - EP IL); **C12Y 111/01015** (2013.01 - EP IL); **C12Y 302/01045** (2013.01 - EP IL); **C07K 14/4702** (2013.01 - EP); **C12N 9/22** (2013.01 - EP); **C12N 9/24** (2013.01 - EP)

Cited by
CN116355858A

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

DOCDB simple family (publication)
WO 2018062973 A1 20180405; AU 2017335084 A1 20180510; AU 2017335084 B2 20230629; CA 3002520 A1 20180405; CN 108473973 A 20180831; EP 3356522 A1 20180808; EP 3356522 A4 20190327; IL 259023 A 20180731; IL 259023 B 20220901; JP 2019528674 A 20191017

DOCDB simple family (application)
KR 2017011070 W 20170929; AU 2017335084 A 20170929; CA 3002520 A 20170929; CN 201780003826 A 20170929; EP 17856859 A 20170929; IL 25902318 A 20180429; JP 2018530580 A 20170929