

Title (en)

METHOD AND DEVICE FOR PRODUCING A LIQUID CONTAINING LIPOSOMES, AND PRODUCED LIQUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER FLÜSSIGKEIT ENTHALTEND LIPOSOMEN UND HERGESTELLTE FLÜSSIGKEIT

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR PRODUIRE UN LIQUIDE CONTENANT DES LIPOSOMES ET LIQUIDE PRODUIT

Publication

EP 4247344 A1 20230927 (DE)

Application

EP 21819358 A 20211119

Priority

- DE 102020214601 A 20201119
- EP 2021082320 W 20211119

Abstract (en)

[origin: WO2022106627A1] The invention relates to a method and a device for producing a liquid containing liposomes. The method is characterized in that the conduction of a first liquid and a second liquid into a micromixer and to the output of the micromixer is carried out by means of gas pressure from at least one source of gas, optionally in addition by at least one device for conveying a liquid, wherein the total flow rate of the liquids is adjusted in such a way that the total flow rate at the output of the micromixer is at least 10 mL/min. The method and the device allow the production of liquids, which contain liposomes having a narrow size distribution, on an industrial scale in a simple and reproducible manner. The invention also relates to a liquid containing liposomes having a narrow size distribution and to uses thereof.

IPC 8 full level

A61K 9/127 (2006.01); **A61K 47/24** (2006.01)

CPC (source: EP IL US)

A61K 9/127 (2013.01 - EP IL); **A61K 9/1277** (2013.01 - EP IL US); **A61K 47/24** (2013.01 - EP IL US)

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 2022106627 A1 20220527; CN 116635078 A 20230822; DE 102020214601 A1 20220519; EP 4247344 A1 20230927; IL 302987 A 20230701; US 2024033220 A1 20240201

DOCDB simple family (application)

EP 2021082320 W 20211119; CN 202180077851 A 20211119; DE 102020214601 A 20201119; EP 21819358 A 20211119; IL 30298723 A 20230516; US 202318320487 A 20230519