

Title (en)

PRODUCTION OF STERILE LIPOSOMES OF ANY PARTICLE SIZES BY CONTINUOUS EXTRUSION IN A CLOSED SYSTEM

Title (de)

ERZEUGUNG STERILER LIPOSOME VON BELIEBIGER PARTIKELGRÖSSE DURCH KONTINUIERLICHE EXTRUSION IN EINEM GESCHLOSSENEN SYSTEM

Title (fr)

PRODUCTION DE LIPOSOMES STÉRILES DE TAILLES DE PARTICULE QUELCONQUES PAR EXTRUSION CONTINUE DANS UN SYSTÈME FERMÉ

Publication

**EP 3062773 A1 20160907 (EN)**

Application

**EP 14815015 A 20141030**

Priority

- HU P1300621 A 20131031
- IB 2014065701 W 20141030

Abstract (en)

[origin: WO2015063710A1] A process for producing liposomes in a way that the size of the liposomes is achieved by passing the preformed MLV dispersion through a membrane with adequate pore size into another container and then recirculating it back to the same container through the membrane until adequate particle size is reached. The modulus of the size distribution of the particles can be arbitrary set to at least 5% preciosity depending on the diameter of the applied pores and circulating time. Using sterile or sterile filtered ingredients and equipment that has all of its parts sterilized and due to the closed production technology the process is aseptic, thus the produced liposome product is sterile.

IPC 8 full level

**A61K 9/127** (2006.01)

CPC (source: EP HU)

**A61K 9/127** (2013.01 - EP HU); **A61K 9/1277** (2013.01 - EP); **B01D 37/00** (2013.01 - HU); **B01D 61/00** (2013.01 - HU); **B01J 13/00** (2013.01 - HU)

Citation (search report)

See references of WO 2015063710A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2015063710 A1 20150507**; EA 201690784 A1 20161130; EP 3062773 A1 20160907; HU P1300621 A2 20150528

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