

Title (en)  
METHODS FOR THE PREPARATION OF LIPOSOMES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON LIPOSOMEN

Title (fr)  
MÉTHODES DE PRÉPARATION DE LIPOSOMES

Publication  
**EP 3493790 A4 20200325 (EN)**

Application  
**EP 17837525 A 20170801**

Priority  
• US 201615226364 A 20160802  
• US 2017044865 W 20170801

Abstract (en)  
[origin: WO2018026794A1] Provided herein are methods for preparing liposomes and uses thereof. In certain embodiments, liposomes are prepared without using heat, organic solvents, proteins, and/or inorganic salts in the process. In certain embodiments, the liposomal preparation contains one or more active agents. In certain embodiments, the liposomal preparations are used in the treatment of diseases or disorders.

IPC 8 full level  
**A61K 9/127** (2006.01); **A61K 9/16** (2006.01); **A61K 9/19** (2006.01); **A61K 31/165** (2006.01); **A61K 31/352** (2006.01); **A61K 38/13** (2006.01); **A61K 38/40** (2006.01); **C07K 16/24** (2006.01); **C07K 16/32** (2006.01)

CPC (source: EP)  
**A61K 9/127** (2013.01); **A61K 9/19** (2013.01); **A61K 2039/55555** (2013.01); **C07K 16/24** (2013.01); **C07K 16/32** (2013.01)

Citation (search report)  
• [X] WO 2009064696 A1 20090522 - UNIV CALIFORNIA [US], et al  
• [X] US 2012231066 A1 20120913 - SMITH HENRY JOHN [US], et al  
• [X] US 2009221953 A1 20090903 - KAJIMOTO KAZUAKI [JP], et al  
• [Y] WO 2009038779 A2 20090326 - UNIV TENNESSEE RES FOUNDATION [US], et al  
• [Y] US 2008279927 A1 20081113 - DAFTARY GAUTAM VINOD [IN], et al  
• [Y] US 4857319 A 19890815 - CROWE JOHN H [US], et al  
• [A] WO 2007127272 A2 20071108 - CBR INST FOR BIOMEDICAL RES [US], et al  
• [A] WO 2014028777 A2 20140220 - IPIERIAN INC [US]  
• [A] WO 2006099169 A2 20060921 - MEBIOPHARM CO LTD [US], et al  
• [XY] LOUGHREY H ET AL: "A non-covalent method of attaching antibodies to liposomes", BIOCHIMICA ET BIOPHYSICA ACTA (BBA) - BIOMEMBRANES, ELSEVIER, AMSTERDAM, NL, vol. 901, no. 1, 10 July 1987 (1987-07-10), pages 157 - 160, XP023363768, ISSN: 0005-2736, [retrieved on 19870710], DOI: 10.1016/0005-2736(87)90267-7  
• See references of WO 2018026794A1

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

DOCDB simple family (publication)  
**WO 2018026794 A1 20180208**; CA 3032810 A1 20180208; CN 109562067 A 20190402; EP 3493790 A1 20190612; EP 3493790 A4 20200325; JP 2019526619 A 20190919; JP 7019201 B2 20220215

DOCDB simple family (application)  
**US 2017044865 W 20170801**; CA 3032810 A 20170801; CN 201780047019 A 20170801; EP 17837525 A 20170801; JP 2019527768 A 20170801