



(11) **EP 2 844 230 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 73**

(51) Int Cl.:  
**A61K 9/16** <sup>(2006.01)</sup> **A61K 9/20** <sup>(2006.01)</sup>  
**A61K 31/44** <sup>(2006.01)</sup>

(48) Corrigendum issued on:  
**08.01.2020 Bulletin 2020/02**

(86) International application number:  
**PCT/US2012/070031**

(45) Date of publication and mention  
of the grant of the patent:  
**20.02.2019 Bulletin 2019/08**

(87) International publication number:  
**WO 2013/165468 (07.11.2013 Gazette 2013/45)**

(21) Application number: **12875765.5**

(22) Date of filing: **17.12.2012**

(54) **PHARMACEUTICAL COMPOSITIONS FOR DIRECT SYSTEMIC INTRODUCTION**

PHARMAZEUTISCHE ZUSAMMENSETZUNGEN ZUR DIREKTEN SYSTEMISCHEN EINFÜHRUNG  
COMPOSITIONS PHARMACEUTIQUES POUR UNE INTRODUCTION SYSTÉMIQUE DIRECTE

(84) Designated Contracting States:  
**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**

• **ROCK, David**  
**Hillsborough, NJ 08844 (US)**

(30) Priority: **02.05.2012 US 201261641509 P**  
**23.07.2012 US 201261674435 P**  
**01.08.2012 US 201261678355 P**

(74) Representative: **Eder, Michael**  
**df-mp Dörries Frank-Molnia & Pohlman**  
**Patentanwälte Rechtsanwälte PartG mbB**  
**Theatinerstrasse 16**  
**80333 München (DE)**

(43) Date of publication of application:  
**11.03.2015 Bulletin 2015/11**

(56) References cited:  
**EP-A1- 1 891 937 WO-A1-00/50038**  
**WO-A1-02/058735 WO-A1-2004/067004**  
**WO-A1-2006/048501 WO-A1-2007/002125**  
**US-A1- 2003 031 711 US-A1- 2011 256 229**

(60) Divisional application:  
**18213663.0 / 3 505 159**

(73) Proprietor: **NewMarket Pharmaceuticals LLC**  
**Princeton, NJ 08542 (US)**

• **ARVANITOYANNIS ET AL: "Edible films made  
from hydroxypropyl starch and gelatin and  
plasticized by polyols and water",  
CARBOHYDRATE POLYMERS, APPLIED  
SCIENCE PUBLISHERS, LTD. BARKING, GB, vol.  
36, no. 2-3, 1 July 1998 (1998-07-01) , pages  
105-119, XP005001941, ISSN: 0144-8617**

(72) Inventors:  
• **RIDAL, Mark**  
**Princeton, NJ 08540 (US)**

**EP 2 844 230 B8**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).