



(11) **EP 2 838 140 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 54**

(51) Int Cl.:  
**H01M 4/13** <sup>(2010.01)</sup> **H01M 4/66** <sup>(2006.01)</sup>  
**H01M 4/36** <sup>(2006.01)</sup> **H01M 4/139** <sup>(2010.01)</sup>  
**H01M 2/16** <sup>(2006.01)</sup> **H01M 4/04** <sup>(2006.01)</sup>  
**H01M 4/62** <sup>(2006.01)</sup> **H01M 4/133** <sup>(2010.01)</sup>  
**H01M 4/02** <sup>(2006.01)</sup>

(48) Corrigendum issued on:  
**07.08.2019 Bulletin 2019/32**

(86) International application number:  
**PCT/KR2012/011377**

(45) Date of publication and mention  
of the grant of the patent:  
**26.06.2019 Bulletin 2019/26**

(87) International publication number:  
**WO 2013/154253 (17.10.2013 Gazette 2013/42)**

(21) Application number: **12873884.6**

(22) Date of filing: **24.12.2012**

(54) **ELECTRODE HAVING POROUS COATING LAYER, MANUFACTURING METHOD THEREOF AND ELECTROCHEMICAL DEVICE CONTAINING THE SAME**

ELEKTRODE MIT EINER PORÖSEN BESCHICHTUNG, HERSTELLUNGSVERFAHREN DAFÜR  
UND ELEKTROCHEMISCHE VORRICHTUNG

ELECTRODE COMPRENANT UNE COUCHE DE REVÊTEMENT POREUSE, PROCÉDÉ DE  
FABRICATION DE CELLE-CI ET DISPOSITIF ÉLECTROCHIMIQUE

(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**

- **JIN, Sun-Mi**  
**Daejeon 305-761 (KR)**
- **RYU, Bo-Kyung**  
**Daejeon 305-340 (KR)**
- **KIM, Jin-Woo**  
**Daejeon 302-881 (KR)**

(30) Priority: **10.04.2012 KR 20120037356**

(43) Date of publication of application:  
**18.02.2015 Bulletin 2015/08**

(74) Representative: **Goddar, Heinz J.**  
**Boehmert & Boehmert**  
**Anwaltpartnerschaft mbB**  
**Pettenkoferstrasse 22**  
**80336 München (DE)**

(73) Proprietor: **LG Chem, Ltd.**  
**Seoul 07336 (KR)**

(72) Inventors:

- **LEE, Joo-Sung**  
**Daejeon 305-770 (KR)**
- **KIM, Jong-Hun**  
**Daejeon 302-120 (KR)**
- **HA, Jeong-Min**  
**Daejeon 302-881 (KR)**

(56) References cited:  
**EP-A1- 1 667 255 EP-A1- 2 005 502**  
**EP-A1- 2 079 121 EP-A1- 2 282 364**  
**JP-A- 2005 353 584 JP-A- 2007 273 123**  
**JP-A- 2008 053 208 JP-A- 2008 179 903**  
**JP-A- 2009 193 906 JP-A- 2010 113 819**  
**KR-A- 20070 092 621 US-A- 5 834 052**

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).