

(19)



(11)

EP 2 673 822 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.:

H01M 4/38 ^(2006.01) **H01M 4/46** ^(2006.01)
H01M 4/62 ^(2006.01) **H01M 10/0525** ^(2010.01)
H01M 10/0568 ^(2010.01) **H01M 10/42** ^(2006.01)

(48) Corrigendum issued on:

13.03.2019 Bulletin 2019/11

(86) International application number:

PCT/US2012/024113

(45) Date of publication and mention of the grant of the patent:

09.01.2019 Bulletin 2019/02

(87) International publication number:

WO 2012/109218 (16.08.2012 Gazette 2012/33)

(21) Application number: **12744354.7**

(22) Date of filing: **07.02.2012**

(54) STABILIZATION OF LI-ION BATTERY ANODES

STABILISIERUNG VON LI-IONENBATTERIE-ANODEN

STABILISATION D'ANODES DE BATTERIES AU LITHIUM-ION

(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**

(74) Representative: **ip21 Ltd**

Central Formalities Department
Lakeside 300
Old Chapel Way
Broadland Business Park
Norwich
Norfolk NR7 0WG (GB)

(30) Priority: **07.02.2011 US 201161440104 P**
06.02.2012 US 201213366594

(43) Date of publication of application:
18.12.2013 Bulletin 2013/51

(56) References cited:

EP-A2- 1 205 989 JP-A- 2009 224 258
US-A1- 2004 023 106 US-A1- 2006 166 093
US-A1- 2007 117 017 US-A1- 2008 145 752
US-A1- 2008 206 631 US-A1- 2008 311 472
US-A1- 2009 053 599 US-A1- 2009 280 410
US-A1- 2010 055 563 US-B1- 6 383 688
US-B1- 6 383 688

(60) Divisional application:
18207559.8

(73) Proprietors:

- **Sila Nanotechnologies, Inc.**
Atlanta, Georgia 30318 (US)
- **Georgia Tech Research Corporation**
Atlanta, GA 30332-4015 (US)

- **KYU T LEE ET AL: "Synthesis of Tin-Encapsulated Spherical Hollow Carbon for Anode Material in Lithium Secondary Batteries", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, US, vol. 125, no. 19, 22 April 2003 (2003-04-22), pages 5652-5653, XP008129676, ISSN: 0002-7863, DOI: 10.1021/JA0345524**

(72) Inventors:

- **YUSHIN, Gleb**
Atlanta, Georgia 30305 (US)
- **ZDYRKO, Bogdan**
Clemson, South Carolina 29631 (US)
- **EVANOFF, Kara**
Atlanta, Georgia 30339 (US)

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).

EP 2 673 822 B8