



(11) **EP 3 507 850 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

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

(48) Corrigendum issued on:  
**05.08.2020 Bulletin 2020/32**

(45) Date of publication and mention  
of the grant of the patent:  
**17.06.2020 Bulletin 2020/25**

(21) Application number: **17754382.4**

(22) Date of filing: **24.08.2017**

(51) Int Cl.:  
**H01M 10/056** <sup>(2010.01)</sup> **H01M 10/052** <sup>(2010.01)</sup>  
**H01M 6/16** <sup>(2006.01)</sup> **H01M 6/22** <sup>(2006.01)</sup>  
**G02F 1/1523** <sup>(2019.01)</sup> **H01G 11/06** <sup>(2013.01)</sup>  
**H01G 11/54** <sup>(2013.01)</sup> **H01G 9/20** <sup>(2006.01)</sup>  
**H01M 10/0568** <sup>(2010.01)</sup> **H01M 10/0569** <sup>(2010.01)</sup>

(86) International application number:  
**PCT/EP2017/071319**

(87) International publication number:  
**WO 2018/041709 (08.03.2018 Gazette 2018/10)**

(54) **SOLID-LIQUID ELECTROLYTE FOR USE IN A BATTERY**

FEST-FLÜSSIGER ELEKTROLYT ZUR ANWENDUNG IN EINER BATTERIE

ÉLECTROLYTE SOLIDE-LIQUIDE POUR UTILISATION DANS UNE BATTERIE

(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**

(30) Priority: **30.08.2016 EP 16306092**

(43) Date of publication of application:  
**10.07.2019 Bulletin 2019/28**

(73) Proprietor: **Rhodia Operations**  
**93300 Aubervilliers (FR)**

(72) Inventors:  
• **LE MERCIER, Thierry**  
**93110 Rosny-Sous-Bois (FR)**  
• **BRAIDA, Marc-David**  
**94360 Bry Sur Marne (FR)**  
• **AMISSE, Robin**  
**75015 Paris (FR)**

• **VALENTE, Jules**  
**75019 Paris (FR)**

(74) Representative: **Ferri, Isabella**  
**Solvay S.A.**  
**Viale Lombardia, 20**  
**20021 Bollate (MI) (IT)**

(56) References cited:  
**EP-A2- 1 505 680 CN-A- 104 505 533**  
**JP-A- 2001 229 966**

• **G. EICHINGER ET AL: "Properties and potential application of silica-gelled electrolytes for lithium-ion batteries", JOURNAL OF POWER SOURCES, vol. 68, no. 2, 1 October 1997 (1997-10-01), pages 387-391, XP005496941, ISSN: 0378-7753, DOI: 10.1016/S0378-7753(97)02589-5**

**EP 3 507 850 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).