



(11) **EP 3 441 367 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**
published in accordance with Art. 153(4) EPC

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 72

(51) Int Cl.:
C01G 53/04 (2006.01) **H01M 4/36** (2006.01)
H01M 4/525 (2010.01) **H01M 4/505** (2010.01)
C09D 1/00 (2006.01) **C04B 41/85** (2006.01)

(48) Corrigendum issued on:
10.04.2019 Bulletin 2019/15

(86) International application number:
PCT/KR2017/004634

(43) Date of publication:
13.02.2019 Bulletin 2019/07

(87) International publication number:
WO 2017/188802 (02.11.2017 Gazette 2017/44)

(21) Application number: **17789986.1**

(22) Date of filing: **02.05.2017**

(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
Designated Extension States:
BA ME
Designated Validation States:
MA MD

(30) Priority: **29.04.2016 KR 20160052597**

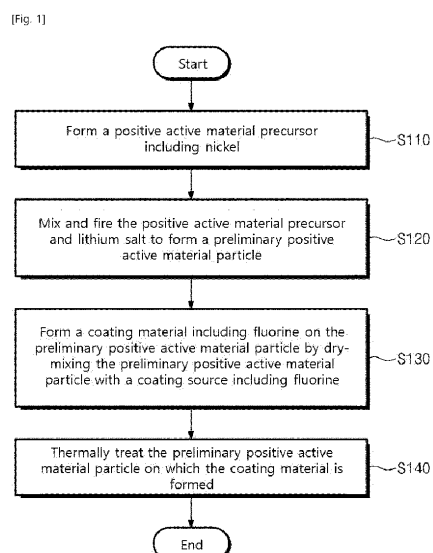
(71) Applicant: **IUCF-HYU (Industry-University Cooperation Foundation Hanyang University)**
Seoul 04763 (KR)

(72) Inventors:
• **SUN, Yangkook**
Seoul 06284 (KR)
• **KIM, Unhyuck**
Gunpo-si
Gyeonggi-do 15813 (KR)

(74) Representative: **Prüfer & Partner mbB**
Patentanwälte · Rechtsanwälte
Sohnckestraße 12
81479 München (DE)

(54) **CATHODE ACTIVE MATERIAL, METHOD FOR MANUFACTURING SAME, AND LITHIUM SECONDARY BATTERY COMPRISING SAME**

(57) A method for manufacturing a positive active material is provided. The method includes forming a positive active material precursor including nickel, mixing and firing the positive active material precursor and lithium salt to form a preliminary positive active material particle, forming a coating material including fluorine on the preliminary positive active material particle by dry-mixing the preliminary positive active material particle with a coating source including fluorine, and manufacturing a positive active material particle by thermally treating the preliminary positive active material particle on which the coating material is formed.



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