



(11) **EP 3 141 527 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 71

(51) Int Cl.:
C01G 23/00 (2006.01) C01G 33/00 (2006.01)

(48) Corrigendum issued on:
10.05.2017 Bulletin 2017/19

(43) Date of publication:
15.03.2017 Bulletin 2017/11

(21) Application number: **16187789.9**

(22) Date of filing: **08.09.2016**

(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

(72) Inventors:
• **Harada, Yasuhiro**
Tokyo, 105-8001 (JP)
• **Takami, Norio**
Tokyo, 105-8001 (JP)

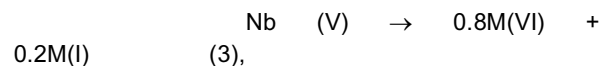
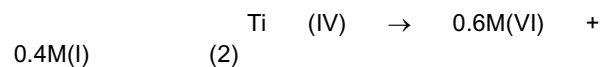
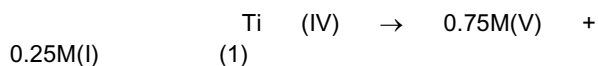
(74) Representative: **Hoffmann Eitle**
Patent- und Rechtsanwälte PartmbB
Arabellastraße 30
81925 München (DE)

(30) Priority: **14.09.2015 JP 2015180367**

(71) Applicant: **Kabushiki Kaisha Toshiba**
Minato-ku,
Tokyo 105-8001 (JP)

(54) **ACTIVE MATERIAL, NONAQUEOUS ELECTROLYTE BATTERY, BATTERY PACK, AND VEHICLE**

(57) According to one embodiment, an active material including a monoclinic niobium-titanium composite oxide is provided. In the active material, a portion of niobium (Nb) or titanium (Ti) as a constituent element of Nb₂TiO₇ is substituted by an element. Here, the substitution of Nb or Ti satisfies any one of following formulas (1) to (3):



where M(VI) is at least one of Mo and W, M(V) is at least one of Nb, Ta, and V, and M(I) is at least one of Na, K, Rb, and Cs.

EP 3 141 527 A8

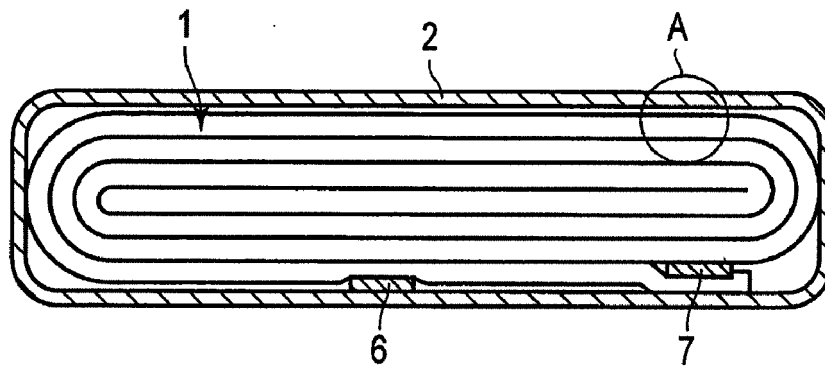


FIG. 3