

Title (en)
ANODE FOR LITHIUM-ION CELL AND METHOD OF MAKING THE SAME

Title (de)
ANODE FÜR LITHIUM-IONENZELLEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
ANODE POUR PILE AUX IONS LITHIUM ET SON PROCÉDÉ DE FABRICATION

Publication
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Application
EP 09729742 A 20090304

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Abstract (en)
[origin: WO2009126377A2] The disclosure of the present application provides various compositions, and methods for preparing the same, which may be useful, for example, to prepare one or more anodes of the present disclosure. Such anodes may be useful, for example, to prepare one or more batteries which themselves, for example, may be useful in connection with a vehicle as referenced herein. In at least one embodiment of an anode of the present disclosure, the anode comprises lithium-based compound having the formula $\text{Li}_4\text{=Ti}_5\text{-yMyO}_{12\text{-zXz}}$, wherein M comprises a dopant material selected from the group consisting of molybdenum, tungsten, zirconium, and hafnium, wherein X comprises a chalcogen selected from the group consisting of sulfur, selenium, and tellurium, wherein $0 < y = 1$, and wherein $0 < z = 2y$.

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