

Title (en)

PHASE-PURE LITHIUM-ALUMINIUM-TITANIUM PHOSPHATE AND METHOD FOR THE PRODUCTION AND USE THEREOF

Title (de)

PHASENREINES LITHIUMALUMINIUMTITANPHOSPHAT UND VERFAHREN ZUR HERSTELLUNG UND DESSEN VERWENDUNG

Title (fr)

PHOSPHATE DE LITHIUM-ALUMINIUM-TITANE SANS PHASE, PROCÉDÉ DE PRODUCTION ET UTILISATION ASSOCIÉS

Publication

EP 2488450 A1 20120822 (DE)

Application

EP 10765761 A 20101013

Priority

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- EP 2010006267 W 20101013

Abstract (en)

[origin: WO2011045050A1] The present invention relates to a method for producing lithium-aluminium-titanium phosphates with the general formula $\text{Li}_{1+x}\text{Ti}_2\text{-xAl}_x(\text{PO}_4)_3$, where $x = 0, 4$, as well as to the use thereof as solid electrolytes in secondary lithium ion batteries.

IPC 8 full level

C01B 25/37 (2006.01); **C01B 25/45** (2006.01); **H01M 4/02** (2006.01); **H01M 4/131** (2010.01); **H01M 4/1391** (2010.01); **H01M 10/26** (2006.01)

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Citation (search report)

See references of WO 2011045050A1

Citation (examination)

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DOCDB simple family (publication)

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