

Title (en)

PHOSPHATE COMPOUNDS SUITABLE FOR PRODUCING CATHODES FOR LI-ION STORAGE BATTERIES

Title (de)

ZUR HERSTELLUNG VON KATHODEN FÜR LI-IONEN-AKKUMULATOREN GEEIGNETE PHOSPHATVERBINDUNGEN

Title (fr)

COMPOSÉS DE PHOSPHATE APPROPRIÉS POUR LA PRODUCTION DE CATHODES D'ACCUMULATEURS LITHIUM-ION

Publication

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Application

**EP 15808375 A 20151209**

Priority

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Abstract (en)

[origin: WO2016096555A2] The invention relates to a crystalline or amorphous phosphate compound, or to a mixed crystalline and amorphous phosphate compound of the type  $(M1_a M2_b M3_c M4_d)_3 (PO_4)_2 \cdot xH_2O$ , where  $0 \leq a < 1$ ,  $0 \leq b \leq 1$ ,  $0 \leq c \leq 1$ ,  $0 \leq d \leq 1$ ,  $a+b+c+d=1$  and  $0 < x < 8$ , wherein M1, M2 and M3 represent metals from the group consisting of Mn, Fe, Co and Ni, and M4 represents one or more metals from the group consisting of Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Be, Mg, Ca, Sr, Ba, Al, Zr and La. The invention also relates to a method for producing said compounds.

IPC 8 full level

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