

Title (en)

CATHODE COMPOSITIONS AND USE THEREOF, PARTICULARLY IN ELECTROCHEMICAL GENERATORS

Title (de)

KATHODISCHE ZUSAMMENSETZUNGEN UND INSBESONDERE, DEREN VERWENDUNGEN IN ELEKTROCHEMISCHEN GENERATOREN

Title (fr)

COMPOSITIONS CATHODIQUES ET LEURS UTILISATIONS, NOTAMMENT DANS LES GENERATEURS ELECTROCHIMIQUES

Publication

EP 1384276 A2 20040128 (FR)

Application

EP 02708069 A 20020313

Priority

- CA 0200341 W 20020313
- CA 2340798 A 20010313

Abstract (en)

[origin: WO02073716A2] The invention relates to a positive electrode composition containing at least one mixed oxide with a spinel or lamellar structure having general formula $\text{Li}_{1-x}\text{M}_{1-y}\text{AaO}_{2-f}\text{Ff}$, and at least one mixed phosphate having general formula $\text{Li}_{1-z}\text{FenMnmPO}_4$, wherein: M = Co, Ni, Mn, A = Mg, Zn, Al, Fe, Cr, Co, Mn, Ni, Zn Ga, $0 \leq x, y, a, f \leq 1$, $0 \leq z, n, m \leq 1$, and which operates in the 4.3 V \rightarrow 2.5 V voltage range with a voltage plateau located between said two values.

IPC 1-7

H01M 4/50

IPC 8 full level

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CPC (source: EP US)

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