

Title (en)

LITHIUM MANGANESE OXY-FLUORIDES FOR LI-ION RECHARGEABLE BATTERY ELECTRODES

Title (de)

LITHIUM MANGAN OXY-FLUORIDE FÜR ELEKTRODEN EINER AUFLADBAREN LI-IONEN-BATTERIE

Title (fr)

OXY-FLUORURES DE LITHIUM MANGANESE POUR ELECTRODES DE BATTERIES AUX IONS DE LITHIUM RECHARGEABLES

Publication

EP 0947012 A4 20000209 (EN)

Application

EP 97910695 A 19970904

Priority

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Abstract (en)

[origin: WO9810476A1] The cycling stability and capacity of li-ion rechargeable batteries are improved by the use of lithium manganese oxy-fluoride electrode component intercalation materials having the general formula $\text{Li}_{1+x}\text{MyMn}_{2-x}\text{yO}_{4-z}\text{F}_z$, where M is a metal, e.g., Co, Cr, or Fe, and $x \leq 0.4$, $y \leq 0.3$ and $0.05 \leq z \leq 1.0$.

IPC 1-7

H01M 4/50; C01G 45/12

IPC 8 full level

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Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 626 (E - 1636) 29 November 1994 (1994-11-29)
- See references of WO 9810476A1

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