

Title (en)

POWER-OPTIMIZED AND ENERGY-DENSITY-OPTIMIZED FLAT ELECTRODES FOR ELECTROCHEMICAL ENERGY STORES

Title (de)

LEISTUNGS- UND ENERGIEDICHTEOPTIMIERTE FLÄCHENELEKTRODEN FÜR ELEKTROCHEMISCHE ENERGIESPEICHER

Title (fr)

ELECTRODES PLANES À DENSITÉS DE PUISSANCE ET D'ÉNERGIE OPTIMISÉES POUR ACCUMULATEUR D'ÉNERGIE ÉLECTROCHIMIQUE

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Application

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Abstract (en)

[origin: WO2010092059A1] The invention relates to an electrode layer composite for forming planar electrodes (1, 2) in electrochemical storage elements, wherein the electrode layer composite comprises at least one first layer (6, 8) containing electrode material and one second layer (7, 9) containing electrode material, wherein the first layer (6, 8) has a higher energy density (specific or area capacity) than the second layer (7, 9), while the second layer (7, 9) has a higher power density (current carrying capability) per unit area than the first layer (6, 8).

IPC 8 full level

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