

Title (en)

ELECTRODE FOR AN ELECTROCHEMICAL BUNDLE OF A METAL-ION STORAGE BATTERY OR A SUPERCAPACITOR, METHOD FOR PRODUCING THE ASSOCIATED BUNDLE AND STORAGE BATTERY

Title (de)

ELEKTRODE FÜR EIN ELEKTROCHEMISCHES BÜNDEL EINER METALL-IONEN-SPEICHERBATTERIE ODER EINES SUPERKONDENSATORS, VERFAHREN ZUR HERSTELLUNG DES ZUGEHÖRIGEN BÜNDELS UND SPEICHERBATTERIE

Title (fr)

ELECTRODE POUR FAISCEAU ELECTROCHIMIQUE D'UN ACCUMULATEUR METAL-ION OU D'UN SUPERCONDENSATEUR, PROCEDE DE REALISATION DU FAISCEAU ET DE L'ACCUMULATEUR ASSOCIES

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Application

EP 17728218 A 20170608

Priority

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- EP 2017063910 W 20170608

Abstract (en)

[origin: WO2017216021A1] The present invention relates to an electrode (2, 3) for an electrochemical bundle of a metal-ion storage battery or of a supercapacitor, comprising a substrate (2S, 3S) formed from a metal strip that supports an active metal-ion insertion material (2I, 3I) in its central portion (22, 32), while its lateral band, referred to as the edge (20, 30), is devoid of active insertion material, the lateral band comprising an end area (21, 31), in which the properties of the metal material and/or geometry of which is/are modified in relation to the rest of the strip in the edge (20, 30) and in the central portion (22, 32), so as to cause localized plastic buckling in the end area when a predetermined compressive force (E) is applied to the end area, the central portion not deforming under the predetermined compressive force.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017216021A1

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