Title (en)

ELECTRODE FOR AN ELECTRICAL ENERGY STORAGE SYSTEM WITH A COLLECTOR COMPRISING A PROTECTIVE LAYER AND CORRESPONDING MANUFACTURING PROCESS

Title (de)

ELEKTRODE FÜR EIN SYSTEM ZUR SPEICHERUNG VON ELEKTRISCHER ENERGIE MIT EINEM KOLLEKTOR BEINHALTEND EINE SCHUTZSCHICHT UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

ELECTRODE POUR SYSTÈME DE STOCKAGE DE L'ÉNERGIE ÉLECTRIQUE AVEC COLLECTEUR COMPORTANT UNE COUCHE CONDUCTRICE DE PROTECTION ET PROCÉDÉ DE FABRICATION CORRESPONDANT

Publication

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Application

EP 14729700 A 20140127

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Abstract (en)

[origin: WO2015110715A1] The present invention relates to a conductive electrode for an electric-energy storage system (1) with an aqueous electrolyte solution, said electrode comprising a metal current collector (3) and an active material (7), said current collector (3) including at least one protective conductive layer (5) sealed against the electrolytes and placed between said metal current collector (3) and said active material (7), said protective conductive layer (5) comprising: a polymer or copolymer binder including at least 50% vinyl chloride units, a cross-linked elastomer, at least one agent for cross-linking said cross-linked elastomer, and conductive fillers.

IPC 8 full level

H01G 11/28 (2013.01); **H01G 11/68** (2013.01); **H01G 11/86** (2013.01); **H01M 4/64** (2006.01); **H01M 4/66** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2015110715A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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