

Title (en)

METHOD FOR ARRANGING A PILE OF ELECTRODES/SEPARATORS INCLUDING THE ADDITION OF THE ELECTROLYTE FOR APPLICATION IN A ELECTROCHEMICAL ENERGY CELL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ELEKTRODEN/SEPARATORENSTAPELS INKLUSIVE BEFÜLLUNG MIT EINEM ELEKTROLYTEN ZUM EINSATZ IN EINER ELEKTROCHEMISCHEN ENERGIESPEICHERZELLE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN EMPILEMENT D'ÉLECTRODES/DE SÉPARATEURS AVEC REMPLISSAGE D'UN ÉLECTROLYTE POUR L'UTILISATION DANS UN ÉLÉMENT D'ACCUMULATEUR D'ÉNERGIE ÉLECTROCHIMIQUE

Publication

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Application

**EP 11788776 A 20111123**

Priority

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- EP 2011005938 W 20111123

Abstract (en)

[origin: WO2012072220A1] A method for producing an electrochemical energy storage cell, which has a stack 1 of sheets 2, in particular electrode and/or separator sheets 2, and a liquid electrolyte 4, has the following steps: producing interspaces between a large number of adjacent sheets 2 in the stack 1 (step S1), bringing the stack 1 into contact with the electrolyte 4 (step S2), removing the interspaces produced in step S1 between the large number of adjacent sheets 2 in the stack 1 (step S3). As a result, the electrolyte 4 can be distributed quickly and uniformly over the surfaces of the large number of sheets 2. In a particularly preferred embodiment of the method, step S1 has the following substeps: fixing a large number of sheets 2 in the stack 1 relative to one another at at least one point (step S1.1, optional), bending the stack 1, wherein the sheets 2 in the stack 1 are at least partially movable with respect to one another (step S1.2), fixing a large number of sheets 2 in the bent stack 1 relative to one another, with the result that the large number of sheets 2 are fixed in each case relative to one another at at least two points (step S1.3), returning the bent stack 1 to a shape which approximately corresponds to the initial shape of the stack 1, whilst maintaining the fixings from step S1.1 and/or S1.3 (step S1.4).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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