Title (en)

ELECTROCHEMICAL CELL OF AN ACCUMULATOR

Title (de)

ELEKTROCHEMISCHE ZELLE EINES AKKUMULATORS

Title (fr)

CELLULE ÉLECTROCHIMIQUE D'UN ACCUMULATUER

Publication

EP 2617096 A1 20130724 (DE)

Application

EP 11807855 A 20110914

Priority

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Abstract (en)

[origin: WO2012041278A1] The invention relates to electrochemical cells of an accumulator. The object of the invention is to specify possible ways with which parameters within the cells of an accumulator can be easily and safely determined in close to real time conditions, with sufficient spatial resolution and with low additional technical expenditure. In an electrochemical cell according to the invention, at least one sensor element is arranged integrated inside the cell. In this context, a sensor element is embodied as an electrically conductive, layer-shaped conductor track structure on a surface of a dielectric laminate which is embodied in the form of thin foil. The conductor track structure is sealed in a fluid-tight fashion by a further dielectric laminate embodied in the form of a film, with the exception of regions which are arranged at the outer edge of said conductor track structure and are provided for the formation of electrical contact, said laminate being arranged on the conductor track structure.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012041278A1

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