

Title (en)
SURFACE-MODIFIED ELECTRODES, PREPARATION METHODS AND USES IN ELECTROCHEMICAL CELLS

Title (de)
OBERFLÄCHENMODIFIZIERTE ELEKTRODEN, HERSTELLUNGSVERFAHREN UND VERWENDUNGEN IN ELEKTROCHEMISCHEN ZELLEN

Title (fr)
ÉLECTRODES À SURFACE MODIFIÉE, PROCÉDÉS DE PRÉPARATION, ET UTILISATIONS DANS DES CELLULES ÉLECTROCHIMIQUES

Publication
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Application
EP 21753996 A 20210212

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Abstract (en)
[origin: CA3166945A1] The present technology relates to the modification of the surface of an electrode comprising a thin layer, for example of 10 microns or less, of an inorganic compound (such as a ceramic) in a solid polymer, the inorganic compound being present in the thin layer at a concentration of between approximately 40% and approximately 90% by mass. Also described are the electrodes comprising the modified film, a component comprising the electrode and a solid electrolyte, and the electrochemical cells and storage batteries comprising same.

IPC 8 full level
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Citation (search report)
See references of WO 2021159209A1

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