

Title (en)
ELECTRODE FOR RECHARGEABLE ENERGY STORAGE DEVICE

Title (de)
ELEKTRODE FÜR AUFLADBARE ENERGIESPEICHERVORRICHTUNG

Title (fr)
ÉLECTRODE POUR DISPOSITIF DE STOCKAGE DE L'ÉNERGIE RECHARGEABLE

Publication
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Application
EP 20719687 A 20200227

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Abstract (en)
[origin: WO2020178509A1] The present invention relates to an electrode for a rechargeable energy storage device, comprising a plurality of inner layers interposed between two outer layers, said inner layers comprising a plurality of electrode-material ME layers composed of at least one active electrode material and a plurality of porous current-collector CC layers composed of one or more electrically conductive materials whose electronic conductivity is higher than or equal to 102 S.cm⁻¹, said electrode-material ME and current-collector CC layers alternating, characterized in that said outer layers are not formed of said porous current-collector CC layers, and in that said electrode has a total thickness ranging from strictly more than 4 mm, preferably ranging from strictly more than 4 mm to 10 mm, in particular ranging from strictly more than 4 mm to 8 mm.

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