

Title (en)
ELECTROCHEMICAL ENERGY STORAGE DEVICE

Title (de)
ELEKTROCHEMISCHE ENERGIESPEICHERVORRICHTUNG

Title (fr)
DISPOSITIF DE STOCKAGE D'ÉNERGIE ÉLECTROCHIMIQUE

Publication
EP 4022699 A1 20220706 (DE)

Application
EP 20767486 A 20200827

Priority
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• EP 2020073992 W 20200827

Abstract (en)
[origin: WO2021037991A1] The invention proceeds from an electrochemical energy storage device, in particular an electrochemical cell (10), based on the redox system Na/MCl₂ comprising a ceramic electrolyte (12) that conducts Na⁺ ions and a salt as liquid electrolyte, wherein a cathode space (11) is arranged outside an electrolyte tube and an anode space (13) is arranged within an electrolyte tube. The invention proposes that the electrochemical energy storage device, in particular the electrochemical cell, comprises a cell housing (19) which has a semi-spherical cell bottom (23).

IPC 8 full level
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Citation (search report)
See references of WO 2021037991A1

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WO 2021037991 A1 20210304; AU 2020338256 A1 20220317; BR 112022003552 A2 20220524; CH 716540 A1 20210315; EP 4022699 A1 20220706

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