

Title (en)

LIQUID-CATHODE BATTERY WITH SPECIFIC ARCHITECTURE

Title (de)

FLÜSSIGKATHODENBATTERIE MIT SPEZIFISCHER ARCHITEKTUR

Title (fr)

PILE A CATHODE LIQUIDE A ARCHITECTURE SPECIFIQUE

Publication

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Application

EP 18804358 A 20180928

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- FR 2018052389 W 20180928

Abstract (en)

[origin: WO2019063949A1] The invention relates to a battery comprising a calcium anode, a cathode consisting of a carbon matrix impregnated with an active liquid material, which is a sulfur and/or phosphorus oxidising solvent, the anode and the cathode being separated from each other by an inter-electrode space containing an electrolyte comprising at least one salt and a solvent identical to that constituting the active liquid material and the cathode being disposed around the anode, characterised in that the anode is in the form of a solid calcium cylinder, while the cathode is in the form of a cylindrical shell made from a carbon material.

IPC 8 full level

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See references of WO 2019063949A1

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