

Title (en)

SPECIFIC LIQUID CATHODE CELL WHICH CAN OPERATE AT HIGH TEMPERATURES

Title (de)

SPEZIFISCHE FLÜSSIGE KATHODENZELLE MIT BETRIEB BEI HOHEN TEMPERATUREN

Title (fr)

PILE A CATHODE LIQUIDE SPECIFIQUE POUVANT FONCTIONNER A HAUTES TEMPERATURES

Publication

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Application

EP 16703801 A 20160210

Priority

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- EP 2016052851 W 20160210

Abstract (en)

[origin: WO2016128482A1] The invention relates to a liquid cathode cell including: a calcium anode; an electrolyte containing a sulphurous or phosphorous oxidising solvent and at least one salt; and a cathode containing, as an active material, a compound that is identical to the aforementioned oxidising solvent. The invention is characterised in that the salt is a strontium salt which is present in a concentration of from 1.15 mol.L⁻¹ to 3 mol.L⁻¹.

IPC 8 full level

H01M 4/38 (2006.01); **H01M 4/58** (2010.01); **H01M 4/62** (2006.01); **H01M 6/14** (2006.01); **H01M 6/20** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2016128482A1

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BA ME

DOCDB simple family (publication)

FR 3032559 A1 20160812; **FR 3032559 B1 20210319**; EP 3257095 A1 20171220; US 2018026263 A1 20180125; WO 2016128482 A1 20160818

DOCDB simple family (application)

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