

Title (en)

REVERSIBLE STORAGE METHOD FOR HYDROGEN AND A HYDROGEN RESERVOIR

Title (de)

VERFAHREN ZUM REVERSIBLEN SPEICHERN VON WASSERSTOFF UND WASSERSTOFFSPEICHER

Title (fr)

PROCEDE DE STOCKAGE REVERSIBLE D'HYDROGENE ET RESERVOIR D'HYDROGENE

Publication

**EP 1395517 A1 20040310 (DE)**

Application

**EP 02735315 A 20020427**

Priority

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Abstract (en)

[origin: WO02094711A1] The invention relates to a reversible storage method for hydrogen and a hydrogen reservoir. The aim of the invention is to configure the method and the device in such a way that the hydrogen can be discharged at a low temperature. To achieve this, a voltage is applied to a counter-electrode and the reservoir material in order to recover the hydrogen, the hydrogen discharge rate being set by the voltage magnitude and the current intensity.

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