

Title (en)

METAL HYDRIDE BED, METAL HYDRIDE CONTAINER, AND METHOD FOR THE MAKING THEREOF

Title (de)

METALLHYDRIDBETT, METALLHYDRIDBEHÄLTER UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

LIT D'HYDRURE MÉTALLIQUE, RÉCIPIENT D'HYDRURE MÉTALLIQUE, ET LEUR PROCÉDÉ DE FABRICATION

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Application

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Priority

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Abstract (en)

[origin: WO2015189758A1] A metal hydride which is disposed in a metal hydride container which includes a mixture of powdered hydride forming material which is able to form hydride when interacting with gaseous hydrogen at pressure higher than the atmospheric pressure at the ambient temperature, and a binder which combines high thermal conductivity, plasticity and high porosity under hydrostatic pressure; and a plurality of heat conductive fins which are disposed in the inner space of a gas-tight containment of the metal hydride container filled with the mixture and have a firm thermal contact with the inner surface of the said space.

IPC 8 full level

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