

Title (en)
SELF-HEATING METAL-HYDRIDE HYDROGEN STORAGE SYSTEM

Title (de)
SELBSTERHITZENDES METALLHYDRID-WASSERSTOFF-SPEICHERSYSTEM

Title (fr)
SYSTEME DE STOCKAGE D'HYDROGENE DANS UN HYDRURE METALLIQUE, A AUTO-CHAUFFAGE

Publication
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Application
EP 99928784 A 19990617

Priority
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Abstract (en)
[origin: CA2375392A1] A self-heating metal-hydride hydrogen storage system comprising: a primary metal-hydride storage container housing a metal-hydride hydrogen storage material, the primary storage container having a hydrogen outlet port; a hydrogen combustor housed within the primary metal-hydride storage container and surrounded by the high-temperature storage material, the combustor having a hydrogen inlet port gaseously connected to the hydrogen outlet port of the primary storage container; and means for supplying hydrogen gaseously connected to the hydrogen inlet port of the combustor.

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CPC (source: EP KR)
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