

Title (en)

A METHOD AND APPARATUS FOR GENERATING THERMAL ENERGY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG THERMISCHER ENERGIE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE GENERER DE L'ENERGIE THERMIQUE

Publication

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Application

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Abstract (en)

[origin: WO0129844A1] The invention relates to a method and an apparatus for generating thermal energy from a cold nuclear fusion reaction by having at least a first hydrogen-absorbing material (3) placed either under a high hydrogen content atmosphere or in contact with a hydrogen-releasing material. The method comprises an initial step of heating to a predetermined reaction-initiating temperature, and a second or concurrent step of applying a predetermined sequence of current pulses to the first material. By adjustment of the pulse strength or frequency, the excess thermal energy produced by the reaction can be adjusted.

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