

Title (en)

HEAT EXCHANGING DEVICE, USE THEREOF, AND METHOD FOR HEATING A FLUID

Title (de)

WÄRMEÜBERTRAGER-VORRICHTUNG, VERWENDUNG EINER SOLCHEN UND VERFAHREN ZUR ERWÄRMUNG EINES FLUIDS

Title (fr)

DISPOSITIF ECHANGEUR DE CHALEUR, SON UTILISATION ET PROCEDE POUR CHAUFFER UN FLUIDE

Publication

EP 1922519 A1 20080521 (DE)

Application

EP 06805635 A 20060725

Priority

- EP 2006007325 W 20060725
- DE 102005040615 A 20050827

Abstract (en)

[origin: DE102005040615A1] The device has two fluid lines (16, 18), and two heat transmitters (10, 12) that are interconnected so that deep-cold hydrogen and cooling agent consecutively and respectively flow through the heat transmitters. The hydrogen and the cooling agent flow along the respective fluid lines, where heat transfer takes place between the hydrogen and the cooling agent in the heat transmitter (12). Heat transfer takes place between the hydrogen that flows in a region (20) and the hydrogen that flows in a region (22) of the fluid line (16) in the heat transmitter (10). An independent claim is also included for a method for heating deep-cold hydrogen by a cooling agent.

IPC 8 full level

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CPC (source: EP)

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