

Title (en)

HEAT EXCHANGER UNIT AND ELECTROCHEMICAL ENERGY ACCUMULATOR COMPRISING A HEAT EXCHANGER UNIT

Title (de)

WÄRMEAUSTAUSCHEREINHEIT UND ELEKTROCHEMISCHER ENERGIESPEICHER MIT EINER WÄRMEAUSTAUSCHEREINHEIT

Title (fr)

UNITÉ D'ÉCHANGE DE CHALEUR ET ACCUMULATEUR D'ÉNERGIE ÉLECTROCHIMIQUE DOTÉ D'UNE UNITÉ D'ÉCHANGE DE CHALEUR

Publication

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Application

EP 08801775 A 20080830

Priority

- EP 2008007113 W 20080830
- DE 102007044461 A 20070911

Abstract (en)

[origin: WO2009033578A2] The invention relates to a heat exchanger unit (1) for an electrochemical energy accumulator (6), comprising flow channels (1.3.1, 1.3.2), through which a medium controlling temperature flows. The ends of said channels are provided with flow distributor channels (2), which supply the flow channels, and/or return flow collection channels (3), which collect the medium, a flow distributor (4) is connected upstream of the flow distributor channels (2) and a return flow collector (5) is connected downstream of the return flow collection channels (3). According to the invention, the flow distributor (4) and the return flow collector (5) are separated from and lie opposite one another, a supply opening (4.1) is located centrally on one of the lateral surfaces of the flow distributor (4) and a drain opening (5.1) is located centrally on one of the lateral surfaces of the return flow collector (5).

IPC 8 full level

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CPC (source: EP US)

F28D 1/0341 (2013.01 - EP US); **F28F 21/065** (2013.01 - EP US); **F28F 21/067** (2013.01 - EP US); **H01M 50/213** (2021.01 - EP US); **H01M 50/291** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2009033578A2

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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