

Title (en)

HEAT TRANSFER UNIT AND A HEAT EXCHANGER

Title (de)

WÄRMEÜBERTRAGUNGSEINHEIT UND WÄRMETAUSCHER

Title (fr)

UNITÉ DE TRANSFERT THERMIQUE ET ÉCHANGEUR THERMIQUE

Publication

EP 2802833 A1 20141119 (EN)

Application

EP 12822982 A 20121220

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Abstract (en)

[origin: WO2013104885A1] A heat transfer unit (100) and a heat exchanger (200, 300) comprising a heat transfer unit (100) is disclosed, for transferring heat between a first medium and a second medium. The unit (100) comprises a reservoir (101) and a heat transfer fluid disposed within the reservoir (101) which is arranged to exchange heat with the first medium. The unit (100) further comprises a chamber (103) and a plurality of fluid transfer ducts (102) which extend between the reservoir (101) and the chamber (103) and which are arranged to communicate the heat transfer fluid between the reservoir (101) and the chamber (103). The unit (100) further comprises a flow duct (105) along which the second medium is arranged to pass, at least a portion of the flow duct (105) being arranged in thermal communication with an interior of the chamber (103), such that during use, the second medium is arranged to exchange heat with the heat transfer fluid.

IPC 8 full level

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See references of WO 2013104885A1

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