Title (en)

HEAT EXCHANGING SYSTEM HAVING A HEAT EXCHANGER, AND A METHOD FOR MANUFACTURING A HEAT EXCHANGING SYSTEM

Title (de)

WÄRMEAUSTAUSCHSYSTEM MIT EINEM WÄRMETAUSCHER, SOWIE EIN VERFAHREN ZUR HERSTELLUNG EINES WÄRMEAUSTAUSCHSYSTEMS

Title (fr)

SYSTÈME D'ÉCHANGE DE CHALEUR DOTÉ D'UN ÉCHANGEUR DE CHALEUR ET PROCÉDÉ DE FABRICATION D'UN SYSTÈME D'ÉCHANGE DE CHALEUR

Publication

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Application

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Abstract (en)

[origin: WO2009007168A1] The invention relates to a heat exchanging system (1) having a heat exchanger (2) for exchanging heat between a fluid (3) and a surrounding atmosphere. The heat exchanger (2) comprises here an inlet duct (4), an outlet duct (5) and a heat exchanger (6) with 5 of a plurality of microducts (61), wherein the inlet duct (4) is fluidically connected to an inlet segment (62) of the heat exchanger (6), and the outlet duct (5) is fluidically connected to an outlet segment (63) of the heat exchanger (6) in such a way that, in order to exchange heat with the surrounding atmosphere, the fluid (3) can be fed from the inlet duct (4) via the inlet segment (62), through the plurality of microducts (61) of the heat exchanger (6), and via the outlet segment (63) to the outlet duct (5). According to the invention, the heat exchanging system (1) comprises a compensation means (7) for equalizing thermomechanical stresses. The invention also relates to a method for manufacturing a heat exchanging system (1) according to the invention.

IPC 8 full level

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