

Title (en)

HEAT EXCHANGE ASSEMBLY EXCHANGING HEAT BETWEEN A FIRST AND A SECOND FLUID

Title (de)

WÄRME ZWISCHEN EINEM ERSTEN UND EINEM ZWEITEN FLUID AUSTAUSCHENDE WÄRMEAUSTAUSCHANORDNUNG

Title (fr)

ENSEMBLE D'ECHANGE DE CHALEUR ENTRE UN PREMIER ET UN SECOND FLUIDES

Publication

EP 1994350 A1 20081126 (FR)

Application

EP 07731034 A 20070223

Priority

- FR 2007000329 W 20070223
- FR 0602188 A 20060313

Abstract (en)

[origin: WO2007104843A1] The heat exchange assembly (1) for exchanging heat between a first and a second fluid comprises: a plurality of heat exchange modules (12) for exchanging heat between the first and second fluids, these being distributed about a central axis (X) and having opposing respective lateral faces (47); feed manifolds (14, 16) for feeding the modules (12) with primary and secondary fluid and collection manifolds (18, 20) for removing these fluids. At least some of the said manifolds (14, 16) or parts of the said manifolds (18) run between the modules (12), the said manifolds (14, 16) or parts of manifolds (18) flanking one and the same module (12) being positioned substantially symmetrically with respect to the mid-plane situated between the two lateral faces (47) of the said module (12) in such a way that the said manifolds (14, 16) or parts of manifolds (18) create substantially identical thermal stresses in the lateral faces (47) of the module (12).

IPC 8 full level

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CPC (source: EP KR US)

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