

Title (en)
PLATE-TYPE HEAT EXCHANGER AND PLATE FOR ITS MANUFACTURE

Publication
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Application
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FR 8406442 A 19840419

Abstract (en)
[origin: US4719970A] The invention relates to a heat exchanger incorporating independent circuits, constituted by modular elements in the form of blocks maintained juxtaposed inside an enclosure defining independent chambers for each of the fluids. Each block presents superposed channels opening out alternately into the lateral fluid circulation chambers, these channels being defined by the space between the pressed plates, comprising edges turned back through 90 DEG alternately in opposite directions and which form, in each angle, a vertical edge enabling them to be fixed to the lateral walls defining the fluid circulation chambers. The plates are associated with one another by butt-welding of the ends of the bent edges and the vertical-edges.

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