

Title (en)

PLATE HEAT EXCHANGER, IN PARTICULAR FOR MOTOR VEHICLES

Title (de)

PLATTENWÄRMETAUSCHER, INSBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)

ECHANGEUR DE CHALEUR A PLAQUES, EN PARTICULIER POUR VEHICLES AUTOMOBILES

Publication

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Application

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Priority

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- FR 0208692 A 20020710

Abstract (en)

[origin: WO2004008055A1] The invention concerns a heat exchanger comprising a plurality of stacked plates (12), arranged in pairs facing each other, and designed to define a plurality of chambers for circulating a first heat exchanging fluid with a second fluid flowing outside the plates. Each plate comprises an inlet (38, 46) and an outlet (40, 48) for the first fluid which respectively communicate with corresponding inlets and outlets of the other plates and which are arranged such that the first fluid is forced to flow in each chamber from the inlet (38, 46) towards the outlet (40, 48) by counter-current circulation (F3, F4) relative to the circulation of the second fluid. The invention is applicable to heat exchangers for motor vehicles.

IPC 8 full level

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