

Title (en)
HEAT EXCHANGER WHICH IS INTENDED, IN PARTICULAR, FOR A MOTOR VEHICLE

Title (de)
WÄRMETAUSCHER, INSBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)
ECHANGEUR DE CHALEUR, NOTAMMENT, POUR AUTOMOBILE

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Abstract (en)
[origin: WO2004102103A2] The invention relates to a heat exchanger which is intended, in particular, for motor vehicles. The inventive heat exchanger comprises: a bundle of fluid-circulation tubes (2); at least one manifold (3, 4), the two ends of each of the aforementioned tubes being inserted in receiving holes (6) which are provided in said manifold(s) using a fluid-tight connection; and means (10) for promoting the exchange of heat between a flow of air passing through the exchanger and the fluid circulating in the tubes. According to the invention, the connection between the ends of the tubes and the manifold(s) comprises a braze joint and, once the tubes and the manifold(s) have been brazed, the heat exchange-promoting means (10) can be mechanically assembled to said tubes. The invention also relates to a heat exchange module comprising one such exchanger and to a method of producing one such heat exchanger and one such heat exchange module.

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