

Title (en)

HEAT EXCHANGE INSERT FOR A HEAT EXCHANGE DEVICE

Title (de)

WÄRMETAUSCHEREINSATZ FÜR EINE WÄRMETAUSCHERVORRICHTUNG

Title (fr)

INTERCALAIRE D'ÉCHANGE DE CHALEUR POUR UN DISPOSITIF D'ÉCHANGE DE CHALEUR

Publication

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Application

EP 05807618 A 20050923

Priority

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- FR 0410308 A 20040929

Abstract (en)

[origin: WO2006035149A1] The invention relates to a heat exchange device, e.g. for a motor vehicle, comprising a bundle of first tubes that are separated from each other by a first space and a bundle of second tubes that are separated from each other by a second smaller space, as well as a plurality of heat exchange inserts (40) which are corrugated in the form of bent strips of sheet metal such as to form a succession of essentially-flat segments (42) which are each disposed between two first tubes and between two second tubes and which are connected in pairs by means of a bent joining segment (44a) having dimensions adapted to the above-mentioned first space and comprising a slit (60) that defines a first bent contact segment (44) which is designed to co-operate with one of the first tubes (8) and a second bent segment (46A). The second bent segment (46A) is folded down to form a second contact segment (46) which has dimensions adapted to the aforementioned second space and which is designed to co-operate with one of the second tubes, thereby enabling each insert (40) to be adapted to the first space and the second space.

IPC 8 full level

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