

Title (en)

DEVICE FOR EXCHANGING HEAT AND METHOD FOR THE PRODUCTION OF SAID DEVICE

Title (de)

VORRICHTUNG ZUM AUSTAUSCH VON WÄRME UND VERFAHREN ZUR HERSTELLUNG EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF POUR ECHANGER DE LA CHALEUR, ET PROCEDE DE PRODUCTION DE CE DISPOSITIF

Publication

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Application

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Abstract (en)

[origin: WO2005085737A1] The invention relates to a device (10) for exchanging heat, particularly for motor vehicles, and to a method for the production of said device. The exchange matrix (100) is produced in a step involving extrusion. The inventive heat exchanger (10) is advantageous in that it allows substances to flow perpendicular to the direction of extrusion through recesses (150), which are provided in sides of the extruded component (100) which are parallel to the direction of extrusion, providing in particular cross-flow heat exchangers which are based on an extruded heat exchanger matrix (100). The invention makes it possible to simplify distributing and collecting devices (200,300), which are used with heat exchangers which are produced by extrusion, in order to distribute or collect media, which are involved in heat exchange, from a plurality of flow channels (110, 120).

IPC 8 full level

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