

Title (en)

HEAT EXCHANGER COLLECTOR BOX, IN PARTICULAR FOR A MOTOR VEHICLE, HEAT EXCHANGER AND CORRESPONDING MANUFACTURING METHOD

Title (de)

WÄRMETAUSCHERKOLLEKTORBOX, INSBESONDERE FÜR EIN KRAFTFAHRZEUG, WÄRMETAUSCHER UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)

BOÎTE COLLECTRICE POUR ÉCHANGEUR THERMIQUE, NOTAMMENT POUR VÉHICULE AUTOMOBILE, ÉCHANGEUR THERMIQUE ET PROCÉDÉ DE FABRICATION CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2018127642A1] The invention relates to a collector box (4) for a heat exchanger (1), in particular for a motor vehicle, defining at least one cavity (10) for circulation of a heat transfer fluid and comprising at least one opening (O) to receive, in a sealed manner, an end of a heat exchange tube (3) communicating with said at least one cavity (10). According to the invention, the collector box (4) is made of at least one strip (5) of material folded over itself around its longitudinal axis (X), said at least one cavity (10) being closed by the connection of two beads (B) opposite one another formed on the two longitudinal edges (7a, 7b) of the strip (5) and said at least one opening (O) being formed by two notches (8a, 8b) opposite one another, arranged symmetrically with respect to said longitudinal axis (X) on both longitudinal edges (7a, 7b) of the strip (5).

IPC 8 full level

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