

Title (en)
DISTRIBUTING/COLLECTING TANK FOR THE AT LEAST DUAL FLOW EVAPORATOR OF A MOTOR VEHICLE AIR CONDITIONING SYSTEM

Title (de)
VERTEIL-/SAMMEL-KASTEN EINES MINDESTENS ZWEIFLUTIGEN VERDAMPFERS EINER KRAFTFAHRZEUGKLIMAAANLAGE

Title (fr)
BAC DISTRIBUTEUR ET COLLECTEUR DE L'EVAPORATEUR A AU MOINS DEUX FLUX DU SYSTEME DE CLIMATISATION D'UN VEHICULE A MOTEUR

Publication
EP 0917638 A1 19990526 (DE)

Application
EP 98924276 A 19980505

Priority
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• EP 9802633 W 19980505

Abstract (en)
[origin: DE19719251A1] A distributing/collecting tank made of aluminium or an aluminium alloy is disclosed for the at least dual flow, hard-soldered evaporator of a motor vehicle air conditioning system. The box has a tube bottom and a lid (28) which complement each other at least in the direction of their narrow cross-section, forming a box, and which have in their longitudinal direction a number of longitudinal partitions which corresponds to the number of flows. At least one front wall of the box is formed by a separate closure piece (62) tightly connected to each adjacent longitudinal partition and at least one wall of the box is fitted with a coolant inlet (14). According to the invention, a coolant injection valve (50) is set on the closure piece (62) fitted with the coolant inlet (14) by means of a plug-in or flange connection (48), an injection valve is at least partially integrated in the structure of the closure piece (62) and/or at least one closure piece (62), together with the joined piece (90), leaves free a connection space (104) at the side of the evaporator away from the heat exchanger tubes (2), frontally prolonging the space taken by the heat exchanger tubes (2) of the evaporator.

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IPC 8 full level
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FR

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