

Title (en)

Water-tube heat exchanger for a motor vehicle air-conditioning system, having a header with a baffle for dividing the flow.

Title (de)

Wasserrohr-Wärmetauscher für die Klimaanlage eines Fahrzeuges, dessen Endkammer durch eine Teilwand getrennt ist.

Title (fr)

Echangeur de chaleur à tubes d'eau pour installation de climatisation d'un véhicule automobile, dont la chambre de distribution comporte une cloison de séparation.

Publication

EP 0421955 A1 19910410 (EN)

Application

EP 90830429 A 19901002

Priority

IT 6785689 A 19891006

Abstract (en)

A water-tube radiator for a motor-vehicle air-conditioning system includes a header with a cover (16) of polymeric material welded ultrasonically to a flow-dividing baffle (20) with a flat base portion (20a) which faces the tube plate (is) with the interposition of a flat gasket (22) of elastomeric material. The base portion (20a) of the baffle (20) has a plurality of U-shaped connectors (27) arranged to cause the liquid to pass tube-side more than twice without the need for more than one flow-dividing baffle.

IPC 1-7

F28F 9/02

IPC 8 full level

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CPC (source: EP)

F28D 1/0475 (2013.01); **F28F 9/0202** (2013.01); **F28F 9/0226** (2013.01); **F28F 9/0278** (2013.01)

Citation (search report)

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