

Title (en)

Radiator of an automotive vehicle and method of manufacturing.

Title (de)

Kühler eines Kraftfahrzeuges und Verfahren zu seiner Herstellung.

Title (fr)

Radiateur d'automobile et procédé de fabrication.

Publication

EP 0622602 A2 19941102 (FR)

Application

EP 94400894 A 19940426

Priority

FR 9305010 A 19930428

Abstract (en)

Exchange surface element for a motor-vehicle radiator, comprising a set of plates (9) made of a polymeric material inside which the heat-transfer fluid (water) circulates, the lateral faces (16) of the plates, between which the refrigerant (air) circulates, being provided with projections (19) in relief. These projections are oriented in the flow direction (L) of the heat-transfer fluid and are placed perpendicular to the flow direction (G) of the refrigerant. <IMAGE>

Abstract (fr)

Élément de surface d'échange pour radiateur automobile comportant un ensemble de plaques (9) en matériau polymérique à l'intérieur desquelles circule le fluide caloporteur (eau), les faces latérales (16) des plaques, entre lesquelles circule le fluide réfrigérant (air), étant munies de saillies (19) en relief. Ces saillies sont orientées dans le sens (L) d'écoulement du fluide caloporteur et placées perpendiculairement au sens d'écoulement (G) du fluide réfrigérant. <IMAGE>

IPC 1-7

F28F 21/06; F28F 3/04; F28D 1/03

IPC 8 full level

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CPC (source: EP)

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