

Title (en)
End plate for heat exchanger

Title (de)
Endplatte für Wärmetauscher

Title (fr)
Plaque collectrice pour échangeur de chaleur

Publication
EP 0781973 A1 19970702 (FR)

Application
EP 96120351 A 19961218

Priority
FR 9515496 A 19951226

Abstract (en)
The heat exchanger plate manifold (10) comprises several holes (16) which take the ends of a tube bundle. A peripheral groove (24) houses a peripheral end (48) of a fluid casing with an interposed sealing joint (12). The sealing joint is moulded onto the manifold plate to form with it a unit before assembly of the manifold plate with the tube bundle and with the fluid casing. The sealing joint extends over the whole surface of the manifold and has regions of different thicknesses (28,30,32,34,36,38). The sealing joint comprises an over thickness (32) in the shape of a sealing strip which extends in the peripheral groove in the manifold.

Abstract (fr)
L'invention concerne une plaque collectrice pour échangeur de chaleur. La plaque collectrice (10) est munie d'un joint d'étanchéité (12), qui est surmoulé sur une face de la plaque collectrice pour former avec elle un ensemble unitaire avant son assemblage avec les tubes d'un faisceau et avec une boîte à fluide. Application aux échangeurs de chaleur pour véhicules automobiles. <IMAGE>

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IPC 8 full level
F01P 3/18 (2006.01); **F28F 9/02** (2006.01); **F28F 9/16** (2006.01)

CPC (source: EP KR)
F28F 9/0226 (2013.01 - EP KR); **F28F 9/165** (2013.01 - EP); **F28F 9/0246** (2013.01 - KR); **F28F 2255/14** (2013.01 - EP)

Citation (search report)
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