

Title (en)  
HEAT TRANSFER PLATE

Publication  
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Application  
**EP 84305698 A 19840821**

Priority  
GB 8322580 A 19830823

Abstract (en)  
[origin: EP0134155A1] A heat transfer plate for heat transfer apparatus, such as heat exchangers or evaporators is disclosed which is at least partially bounded by a groove (32) for receiving a gasket for general conformity therewith and to seal against an adjacent plate, wherein; the groove comprises an inner side wall and an outer side wall; the outer side wall of the groove is provided with a number of lateral bays (30), the gasket being formed with a number of corresponding spaced projections engaging in and matching with said bays; the base (33) of each bay is at a level other than the base (34) of the groove, and; each bay (30) does not communicate with the ambient thereby limiting movement of the gasket material along each said bay. The embodiments of the invention have a common feature that the gasket sealingly engages the rear wall (27). This engagement limits extrusion of the gasket material along the bay of the groove and thereby prevents <<blowing-out>> of the gasket at these points. Furthermore the floor of the bay, (40) is at a level other than the floor of the groove (42). This difference in level aids engagement between the gasket and the heat-transfer plate.

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**F28F 3/10**

IPC 8 full level  
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CPC (source: EP)  
**F28F 3/10** (2013.01)

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• DE 832975 C 19520303 - KLEBER COLOMBES  
• GB 2075656 A 19811118 - APV CO LTD

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