

Title (en)
HEAT TRANSFER PLATE

Publication
EP 0134155 B1 19870715 (EN)

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.

IPC 1-7
F28F 3/10

IPC 8 full level
F28F 3/08 (2006.01); **F28F 3/10** (2006.01)

CPC (source: EP)
F28F 3/10 (2013.01)

Citation (examination)
• DE 832975 C 19520303 - KLEBER COLOMBES
• GB 2075656 A 19811118 - APV CO LTD

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Designated contracting state (EPC)
AT DE FR IT NL SE

DOCDB simple family (publication)
EP 0134155 A1 19850313; EP 0134155 B1 19870715; AT E28358 T1 19870815; BR 8407032 A 19850730; CA 1266044 A 19900220; DE 3464798 D1 19870820; DK 155469 B 19890410; DK 155469 C 19890814; DK 179685 A 19850422; DK 179685 D0 19850422; GB 2145511 A 19850327; GB 2145511 B 19860903; GB 8322580 D0 19830928; JP H0640682 U 19940531; JP H0717956 Y2 19950426; JP S61500035 A 19860109; KR 850700065 A 19851021; KR 930004211 B1 19930521; WO 8501100 A1 19850314

DOCDB simple family (application)
EP 84305698 A 19840821; AT 84305698 T 19840821; BR 8407032 A 19840822; CA 461671 A 19840823; DE 3464798 T 19840821; DK 179685 A 19850422; GB 8322580 A 19830823; GB 8400293 W 19840822; JP 454393 U 19930215; JP 50315684 A 19840822; KR 850700017 A 19850423