

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Echangeur de chaleur

Publication
EP 1089049 A3 20020206 (FR)

Application
EP 00402626 A 20000921

Priority
US 40834299 A 19990929

Abstract (en)
[origin: EP1089049A2] A sideplate for a heat exchanger has a double-folded flange on both sides of an elongate web portion. The sideplate has braze cladding on one side only, to prevent discoloration problems during brazing.

IPC 1-7
F28F 9/00

IPC 8 full level
F28F 9/013 (2006.01); **F28D 1/053** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP US)
F28F 9/001 (2013.01 - EP US)

Citation (search report)

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- [X] GB 2120769 A 19831207 - SUEDEDEUTSCHE KUEHLER BEHR
- [A] US 5667004 A 19970916 - KROETSCH KARL PAUL [US]
- [A] DE 4106296 A1 19920903 - BEHR GMBH & CO [DE]
- [A] FR 2614688 A1 19881104 - CHAUSSON USINES SA [FR]
- [PA] DE 19824659 A1 19991209 - BEHR GMBH & CO [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 395 (M - 1016) 27 August 1990 (1990-08-27)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6179050 B1 20010130; AT E311582 T1 20051215; BR 0004523 A 20011016; DE 60024387 D1 20060105; EP 1089049 A2 20010404; EP 1089049 A3 20020206; EP 1089049 B1 20051130; JP 2001141387 A 20010525; PL 342866 A1 20010409

DOCDB simple family (application)
US 40834299 A 19990929; AT 00402626 T 20000921; BR 0004523 A 20000928; DE 60024387 T 20000921; EP 00402626 A 20000921; JP 2000298750 A 20000929; PL 34286600 A 20000929