

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Echangeur de chaleur

Publication
EP 0773419 B1 20030205 (EN)

Application
EP 96118055 A 19961111

Priority
• JP 29452895 A 19951113
• JP 32760495 A 19951215
• JP 14608296 A 19960607

Abstract (en)
[origin: EP0773419A2] A first cooling fin (22) and a second cooling fin (32) are separated to have a predetermine clearance, and a plurality of connecting portions (45) for partly connecting the first and second cooling fins (22, 32) are formed. When the first and second cooling fins (22, 32) are unfolded, the length E of each the connecting portion (45) in parallel with the longitudinal direction of the first and second cooling fins (22, 32) is equal to 5% or less of the length F between the adjacent connecting portions (45). Further, the first cooling fin (22) is projected from the condenser tube (21) toward the radiator tube (31) side with a projectin length Lc being in a range of 1.7 to 7.0 mm. <IMAGE>

IPC 1-7
F28D 1/04; **F28F 1/12**

IPC 8 full level
F28D 1/04 (2006.01); **F28F 1/12** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP KR)
F28D 1/0435 (2013.01 - EP); **F28D 7/00** (2013.01 - KR); **F28F 1/128** (2013.01 - EP); **F28F 9/00** (2013.01 - KR); **F28F 9/001** (2013.01 - EP); **F28D 2021/0084** (2013.01 - EP); **F28D 2021/0094** (2013.01 - EP); **F28F 2215/02** (2013.01 - EP)

Cited by
EP1030153A4; CN109405621A; EP1003005A1; FR2786259A1; EP1088689A3; EP1256771A4; CN110382977A; US6354368B1; US7392837B2; WO2005028987A1; US6394176B1; US8196646B2

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