

Title (en)
HEAT EXCHANGER

Publication
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Application
EP 83730057 A 19830621

Priority
• JP 9146582 U 19820621
• JP 15901782 U 19821022
• JP 17331282 U 19821116

Abstract (en)
[origin: EP0097612A2] A heat exchanger comprising a flat pipe for allowing a heat exchange medium to pass therethrough, flat surfaces of the flat pipe being confronted with each other at an interval and being disposed in parallel, and fins formed by corrugating a strip metal plate, the fins being arranged between the confronted flat surfaces and along their lengthwise direction, characterized in that the strip metal plate is modified structurally in a new manner whereby yield of a fin material, rigidity of the fins and performance of heat transfer are improved, and occurrence of reject articles is reduced.

IPC 1-7
F28F 1/32; **F28F 1/02**

IPC 8 full level
B21D 53/08 (2006.01); **F28D 1/047** (2006.01); **F28F 1/02** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP)
B21D 53/08 (2013.01); **F28D 1/0478** (2013.01); **F28F 1/022** (2013.01); **F28F 1/325** (2013.01)

Cited by
EP0325261A1; DE102017217568A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0097612 A2 19840104; **EP 0097612 A3 19850123**; **EP 0097612 B1 19880810**; AU 1599483 A 19840105; CA 1230872 A 19871229; DE 3377666 D1 19880915; DE 3377666 T2 19880915

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EP 83730057 A 19830621; AU 1599483 A 19830621; CA 430892 A 19830621; DE 3377666 T 19830621