

Title (en)
Metallic fin for a heat exchanger

Title (de)
Metallische Rippe für einen Wärmetauscher

Title (fr)
Ailette métallique pour un échangeur de chaleur

Publication
EP 0849558 B1 20030416 (FR)

Application
EP 97121211 A 19971203

Priority
FR 9615584 A 19961218

Abstract (en)
[origin: EP0849558A1] The fin assembly consists of a central section (12) with at least one set (6) of fixed inclined fins (7), separated by gaps (8) to allow a passage for a fluid between them. The fins in the fixed set (6) are divided into at least two groups inclined in opposite directions, and with the fins in each of the groups being inclined at different angles, e.g. at 20 degrees , 24 degrees and 28 degrees . Sets of fins between and outside the inclined groups are made with both flat (11) and inclined (9,10) sections.

IPC 1-7
F28F 1/12; **F28F 1/32**

IPC 8 full level
B60H 1/32 (2006.01); **F28F 1/12** (2006.01); **F28F 1/30** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP US)
F28F 1/128 (2013.01 - EP US); **F28F 1/325** (2013.01 - EP US); **F28F 2215/04** (2013.01 - EP US); **Y10S 165/487** (2013.01 - EP US)

Citation (examination)
US 5289874 A 19940301 - KADLE PRASAD S [US], et al

Cited by
WO0055560A1; WO03062731A1

Designated contracting state (EPC)
DE ES GB IT SE

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