

Title (en)
COOLING FINS FOR HEAT EXCHANGER

Publication
EP 0106480 A3 19850116 (EN)

Application
EP 83305076 A 19830901

Priority
GB 8225864 A 19820910

Abstract (en)
[origin: EP0106480A2] Self-stacking cooling fins are so designed that they can be made on a continuous basis. Copper alloy strip 31 is fed between a pair of forming rolls 34, 35. During one half revolution of the rolls, openings for tubes and other projections are pushed out of the strip on one side. During the next half revolution of the rolls, openings for tubes and other projections are pushed out of the strip on the other side. Folds are formed between these sections of strip. The folds cause the strip to fold in zig-zag fashion, and the projections then all point in the same direction and space adjacent fins from each other.

IPC 1-7
F28F 1/32; **B21D 13/04**

IPC 8 full level
B21C 37/22 (2006.01); **B21D 13/04** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP)
B21D 13/04 (2013.01); **B21D 53/025** (2013.01); **F28F 1/325** (2013.01); **F28F 2215/12** (2013.01)

Citation (search report)
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DE102017205147B4; EP3306252A4; DE102017205147A1; US10627175B2; US11131229B2

Designated contracting state (EPC)
DE FR GB IT SE

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EP 83305076 A 19830901; ES 288245 U 19830908; JP 16737883 A 19830910