

Title (en)

Fin and heat-exchanger.

Title (de)

Wärmeaustauschernetz mit Leitblechen.

Title (fr)

Echangeur de chaleur comportant des ailettes.

Publication

EP 0389970 B1 19931124 (DE)

Application

EP 90105475 A 19900323

Priority

DE 3910357 A 19890330

Abstract (en)

[origin: EP0389970A2] The invention relates to a fin for a heat exchanger having a multiplicity of passages (2) which are intended for accommodating heat exchanger tubes and consist of turned-up collars (3) of oval cross-section. In order to avoid cracks in the collars, in particular given large ratios of the maximum diameter to the minimum diameter, in the region of their small radii the collars (3) have a smaller height than in the region of their larger radii. Moreover, the invention relates to a heat exchanger grid provided with such fins (1). <IMAGE>

IPC 1-7

F28F 1/32

IPC 8 full level

F28F 1/32 (2006.01)

CPC (source: EP KR US)

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Citation (examination)

- GB 471553 A 19370907 - EDWIN JAMES BOWMAN
- GB 576864 A 19460424 - SERCK RADIATORS LTD, et al

Cited by

EP0633435A1; FR2951259A1; DE102012002234A1; EP0709641A3; CN104704314A; US9599413B2; US10371464B2; WO2012150237A1; WO2011042491A1

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