

Title (en)  
**FINNED TUBE**

Publication  
**EP 0301121 B1 19900523 (DE)**

Application  
**EP 87111019 A 19870730**

Priority  
**EP 87111019 A 19870730**

Abstract (en)  
[origin: EP0301121A1] 1. Finned tube (1), particularly for heat exchangers, with helically extending or annular fins (2) formed integrally on the outer surface of the tube wherein the fins (2) are defined by the dimensions fin spacing  $t_R$ , fin height  $h_R$  and cross-sectional area of the fin  $A_R$ , wherein the spacing  $t_R$  is in the range of 1.6 to 3.9 mm (6.5 to 16 fins per inch) and the ratio of cross-sectional area of the fin  $A_R$  to fin height  $h_R$  is greater than 0.5 mm, wherein a) the fin height  $h_R$  is in the range of 0.2 mm to 2.0 mm ; b) the ratio of fin spacing  $t_R$  to fin height  $h_R$  is in the range of 1 to 15.

IPC 1-7  
**F28F 1/26**

IPC 8 full level  
**F28D 7/16** (2006.01); **F28F 1/00** (2006.01); **F28F 1/26** (2006.01)

CPC (source: EP)  
**F28D 7/16** (2013.01); **F28F 1/006** (2013.01); **F28F 1/26** (2013.01)

Cited by  
FR2872956A1; EP1184634A1; EP1647794A1; CN104810068A; EP0843318A1; FR2756090A1; EP0701100A1; WO2005068927A1; WO2006016082A1; WO2021021553A1

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