

Title (en)

FINNED TUBE WITH INTERNAL PROJECTIONS AND METHOD AND APPARATUS FOR ITS MANUFACTURE

Publication

EP 0102407 B1 19860219 (DE)

Application

EP 82108141 A 19820903

Priority

EP 82108141 A 19820903

Abstract (en)

[origin: EP0102407A1] 1. An integral finned tube (1), particularly for heat exchangers and the like, having fins (2) running in a single or multiple threaded and helical fashion around the circumference of the tube and having tube wall material displaced radially to the inside of the tube to form projections (5), said material being arranged according to groove (3) located between fins (2) and also running in a helical fashion, said helix or helixes of the displaced tube wall material having the same pitch as said helix or helixes of the fins (2) running around the circumference of the tube, wherein projections (5) extend over part of the helix or helixes only.

IPC 1-7

F28F 1/42; **B21C 37/20**; **B21D 15/04**

IPC 8 full level

B21C 37/20 (2006.01); **B21D 15/04** (2006.01); **F28F 1/36** (2006.01); **F28F 1/42** (2006.01)

CPC (source: EP)

B21C 37/207 (2013.01); **B21D 15/04** (2013.01); **F28F 1/36** (2013.01); **F28F 1/42** (2013.01); **F28F 1/422** (2013.01)

Cited by

EP0687880A1; EP0274719A3; EP0467250A1; CN103217047A; KR101402122B1; EP0301121A1; CN114082803A; EP0547363A1; US4794775A; DE4420756C1; US5803164A; DE10212491A1; DE10212491B4; EP0222100A3; US4796693A; WO2006055916A3; EP0167161B1

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