

Title (en)  
APPARATUS FOR FORMING CORRUGATED FINS FOR HEAT EXCHANGERS

Publication  
**EP 0143136 B1 19870415 (EN)**

Application  
**EP 83730084 A 19830901**

Priority  
EP 83730084 A 19830901

Abstract (en)  
[origin: EP0143136A1] An apparatus for forming a corrugated fin for a heat exchanger, which comprises a pair of confronted gear rolls (24, 5) for roughly forming a strip metal plate (23) into a wavy shape, and a pair of screw shafts (30) rotatably disposed in parallel with a feeding passage of the roughly formed strip metal plate and on opposite sides of the feeding passage, the respective screw shafts being provided with helical blades (31) on the outer peripheries thereof, the blades serving to compressively form the strip metal plate into a wavy shape having a predetermined fin pitch, by being brought into contact with valleylike portions of the strip metal plate, and an apparatus for forming a corrugated fin for a heat exchanger, in which there are further disposed tape-attaching mechanisms (55) for adhesively attaching tapes to opposite sides of the corrugated fin.

IPC 1-7  
**B21D 13/00**; **B21D 13/08**

IPC 8 full level  
**B21D 13/04** (2006.01); **F28F 1/12** (2006.01)

CPC (source: EP)  
**B21D 13/04** (2013.01); **F28F 1/126** (2013.01)

Cited by  
EP0381877A1; DE102017217568A1; US5937519A

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**EP 0143136 A1 19850605**; **EP 0143136 B1 19870415**; DE 3370944 D1 19870521

DOCDB simple family (application)  
**EP 83730084 A 19830901**; DE 3370944 T 19830901