

Title (en)

Apparatus for forming corrugated fins for heat exchangers.

Title (de)

Vorrichtung zum Formen von gewellten Rippen für Wärmetauscher.

Title (fr)

Appareil de formage d'ailettes ondulées pour échangeurs de chaleur.

Publication

EP 0143136 A1 19850605 (EN)

Application

EP 83730084 A 19830901

Priority

EP 83730084 A 19830901

Abstract (en)

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.

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B21D 13/04

IPC 8 full level

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CPC (source: EP)

B21D 13/04 (2013.01); **F28F 1/126** (2013.01)

Citation (search report)

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