

Title (en)

Finned heat transfer device and method for making same.

Title (de)

Gerippte Wärmeaustauscheinrichtung und Methode zu deren Herstellung.

Title (fr)

Dispositif d'échange de chaleur à ailettes et méthode de fabrication.

Publication

**EP 0214784 A1 19870318 (EN)**

Application

**EP 86306379 A 19860818**

Priority

US 76780185 A 19850821

Abstract (en)

The invention provides a fin structure (3), and a method and apparatus for forming a fin structure (3), for application to the exterior of a tube (4) to form a heat transfer device effective in minimizing frost bridging in refrigeration operations. The fin structure is wound helically onto a refrigerant-carrying tube (4), and comprises an integrally formed chain of looped fins (3), each looped fin having a mounting flange (8,9) at each end thereof and comprising two vertical fin portions (10a,10b) extending respectively from each mounting flange (8,9) and connected together by a bridge portion (10c,10s); the method and apparatus for making the same includes a unitary stretch preforming process to reform thin lanced sheet metal fin stock (2) into the final looped fin shape (3) in a single forming step.

IPC 1-7

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CPC (source: EP KR)

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