

Title (en)

Heat exchanger for refrigerator and method for manufacturing a tube thereof

Title (de)

Wärmetauscher für einen Kühlschrank und Verfahren zur Herstellung eines Rohres dafür

Title (fr)

Échangeur thermique pour réfrigérateur et procédé de fabrication d'un tube correspondant

Publication

**EP 1852669 A1 20071107 (EN)**

Application

**EP 07250620 A 20070215**

Priority

KR 20060039725 A 20060502

Abstract (en)

A heat exchanger for a refrigerator and a method for manufacturing a tube thereof with improved heat exchanger heat transfer efficiency. The heat exchanger for a refrigerator comprising of: a tube (30) to guide a refrigerant; and a plurality of ridges (31) disposed on an inner peripheral surface of the tube, the ridges configured to cause the refrigerant flowing along the tube to form a turbulent flow. The method of manufacturing a tube (30) having a plurality of ridges (31) comprising the steps of: providing a surface of a plate (60); forming ridges (31) on the surface of the plate; and coupling opposite longitudinal edges (61,62) of the plate such that the surface of the plate provided with the ridges becomes an inner peripheral surface of the tube.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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