

Title (en)

HEAT EXCHANGER FOR STIRLING REFRIGERATING MACHINE, HEAT EXCHANGER BODY, AND METHOD OF MANUFACTURING HEAT EXCHANGER BODY

Title (de)

WÄRMEAUSTAUSCHER FÜR STIRLING-KÄLTEMASCHINE, WÄRMEAUSTAUSCHERKÖRPER UND HERSTELLUNGSVERFAHREN DES WÄRMEAUSTAUSCHKÖRPERS

Title (fr)

ECHANGEUR THERMIQUE POUR APPAREIL REFRIGERANT DE STIRLING, DISPOSITIF ECHANGEUR THERMIQUE, ET PROCEDE DE FABRICATION D'UN DISPOSITIF ECHANGEUR THERMIQUE

Publication

**EP 1314938 B1 20050511 (EN)**

Application

**EP 01963405 A 20010830**

Priority

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Abstract (en)

[origin: EP1314938A1] A heat exchanger element for a Stirling cycle refrigerator is produced by integrally forming an annular corrugate fin that is produced by forming a sheet material, corrugated so as to have a large number of grooves, into a cylindrical shape with the grooves parallel to an axis of the cylindrical shape and an inner ring-shaped member that is placed in contact with the inner periphery of the annular corrugate fin. A heat rejector or heat absorber for a Stirling cycle refrigerator is produced by inserting this heat exchanger element into the hollow portion of a tubular body. <IMAGE>

IPC 1-7

**F28D 1/00**; **F25B 9/00**; **F02G 1/055**

IPC 8 full level

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CPC (source: EP KR)

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