

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
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Application
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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>

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IPC 8 full level
F02G 1/055 (2006.01); **F25B 9/14** (2006.01); **F28D 17/00** (2006.01); **F28F 1/10** (2006.01); **F28F 1/40** (2006.01); **F28F 13/06** (2006.01)

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EP 1314938 A1 20030528; **EP 1314938 A4 20040512**; **EP 1314938 B1 20050511**; BR 0114038 A 20030722; BR 0114038 B1 20101130; CA 2419724 A1 20030219; CA 2419724 C 20051011; CN 1206489 C 20050615; CN 1483129 A 20040317; DE 60110813 D1 20050616; DE 60110813 T2 20060202; ES 2240502 T3 20051016; KR 100523776 B1 20051026; KR 20030028830 A 20030410; TW 552384 B 20030911; WO 0221056 A1 20020314

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