

Title (en)

A heat exchanger such as a condenser and/or an evaporator for a refrigerator, a freezer, a combination of the two and the like

Title (de)

Ein Wärmeaustauscher wie ein Verflüssiger und/oder Verdampfer für einen Kühlschrank, einen Gefrierschrank oder eine Kombination der Beiden und dergleichen

Title (fr)

Un échangeur de chaleur tel qu'un condenseur et/ou un évaporateur pour un réfrigérateur, un congélateur ou une combinaison des deux ou analogue

Publication

EP 0843138 B1 20030409 (EN)

Application

EP 96830582 A 19961114

Priority

EP 96830582 A 19961114

Abstract (en)

[origin: EP0843138A1] A heat exchanger (1, 20, 30 40), such as a condenser and/or an evaporator for a refrigerator, a freezer, a combination of the two, and the like, which has the advantage of reducing energy consumption and, at the same time, of being light, strong, reliable and economical to manufacture, includes a serpentine coil (2) formed by inflation between a first sheet (5) and a second sheet (6) roll bonded together, and a chamber (9), containing a substance (5) of high thermal capacity, formed by inflation between a third sheet (10) roll bonded to the first sheet (5). <IMAGE>

IPC 1-7

F25B 39/00; F25D 3/00; B21D 53/04

IPC 8 full level

F25D 3/00 (2006.01); **F25D 25/02** (2006.01); **F28F 3/14** (2006.01); **F25B 39/00** (2006.01)

CPC (source: EP)

F25D 3/005 (2013.01); **F25D 25/028** (2013.01); **F28F 3/14** (2013.01); **F25B 39/00** (2013.01); **F25B 2339/042** (2013.01); **F25B 2339/043** (2013.01); **F25B 2339/046** (2013.01)

Cited by

DE102007023696A1; DE102007023673A1; KR100480777B1; DE19957307A1; EP1722182A3; EP1239244A1; EP1010955A1; DE102007023696B4; DE102007023673B4; EP1304533A3; US6840314B2; WO0127551A1; US6701742B2; EP2504639A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0843138 A1 19980520; **EP 0843138 B1 20030409**; AT E237107 T1 20030415; DE 69627345 D1 20030515; DE 843138 T1 19981119; ES 2119729 T1 19981016; PL 185976 B1 20030930; PL 323031 A1 19980525; TR 199701363 A2 19980622; TR 199701363 A3 19980622

DOCDB simple family (application)

EP 96830582 A 19961114; AT 96830582 T 19961114; DE 69627345 T 19961114; DE 96830582 T 19961114; ES 96830582 T 19961114; PL 32303197 A 19971107; TR 9701363 A 19971114