

Title (en)

HEAT EXCHANGER FOR A REFRIGERATING APPLIANCE AND METHOD FOR PRODUCING A HEAT EXCHANGER

Title (de)

WÄRMETAUSCHER FÜR EIN KÄLTEGERÄT UND VERFAHREN ZUR HERSTELLUNG EINES WÄRMETAUSCHERS

Title (fr)

ECHANGEUR THERMIQUE DESTINE A UN APPAREIL FRIGORIFIQUE ET PROCEDE DE FABRICATION D'UN ECHANGEUR THERMIQUE

Publication

EP 1502060 B1 20090916 (DE)

Application

EP 03729940 A 20030425

Priority

- DE 10218826 A 20020426
- EP 0304338 W 20030425

Abstract (en)

[origin: WO03091637A1] A heat exchanger for a refrigerating appliance comprises a plate (1), a conduit tubing (2), which is placed in thermoconductive contact with the plate (1) and provided for transporting a coolant, and comprises a holding material layer (3) that adheres to the plate (1) and to the conduit tubing (2). The holding material layer (3) is made of a bitumen composition. The heat exchanger can be produced by stacking the plate (1), the conduit tubing (2) and a sheet made of the bitumen composition, whereby the holding material layer (3) is formed from the sheet by heating and pressing the stack.

IPC 8 full level

F25B 39/02 (2006.01); **B21D 53/08** (2006.01); **F28D 1/047** (2006.01); **F28F 1/22** (2006.01); **F28F 3/12** (2006.01)

CPC (source: EP US)

F25B 39/02 (2013.01 - EP US); **F28D 1/0478** (2013.01 - EP US); **F28F 1/22** (2013.01 - EP US); **F28F 3/12** (2013.01 - EP US);
F25B 2339/023 (2013.01 - EP US); **F28D 2021/0071** (2013.01 - EP US); **F28F 2275/025** (2013.01 - EP US); **Y10T 29/4935** (2015.01 - EP US);
Y10T 29/49364 (2015.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03091637 A1 20031106; AT E443238 T1 20091015; AU 2003240464 A1 20031110; BR 0309777 A 20050308; CN 1311211 C 20070418;
CN 1650136 A 20050803; DE 10218826 A1 20031113; DE 10218826 B4 20070322; DE 50311919 D1 20091029; EP 1502060 A1 20050202;
EP 1502060 B1 20090916; ES 2331877 T3 20100119; PL 202377 B1 20090630; PL 371209 A1 20050613; RU 2004130491 A 20060220;
RU 2324869 C2 20080520; US 2005109497 A1 20050526; US 2007295495 A1 20071227; US 7266890 B2 20070911

DOCDB simple family (application)

EP 0304338 W 20030425; AT 03729940 T 20030425; AU 2003240464 A 20030425; BR 0309777 A 20030425; CN 03809458 A 20030425;
DE 10218826 A 20020426; DE 50311919 T 20030425; EP 03729940 A 20030425; ES 03729940 T 20030425; PL 37120903 A 20030425;
RU 2004130491 A 20030425; US 89138307 A 20070810; US 97369504 A 20041026