

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 2762809 B1 20170621 (EN)

Application
EP 12837515 A 20120925

Priority
• JP 2011208583 A 20110926
• JP 2011213948 A 20110929
• JP 2012006071 W 20120925

Abstract (en)
[origin: EP2762809A1] A refrigerant tube (4a) of condenser (4) is spirally wound into an elliptic shape, and a center of the spirally wound tube is serpentine-formed along a direction perpendicular to a principal axis of an air blower (5). An inlet port (4c) and an outlet port (4d) of refrigerant are linked with a connecting member (9) made of rubber, and the connecting member (9) plays a role of rubber vibration isolator for absorbing vibration of the condenser (4). The connecting member (9) also plays a role of maintaining relative positions of inlet port (4c) and outlet port (4d) in addition to suppressing vibration, thus making additional positioning part unnecessary and reducing a number of component parts.

IPC 8 full level
F25D 19/00 (2006.01)

CPC (source: EP)
F25D 23/006 (2013.01); **F28D 1/0477** (2013.01); **F25B 2500/13** (2013.01); **F28D 2021/007** (2013.01); **F28F 1/36** (2013.01);
F28F 2265/30 (2013.01)

Cited by
US11624543B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2762809 A1 20140806; EP 2762809 A4 20150527; EP 2762809 B1 20170621; CN 103827609 A 20140528; CN 103827609 B 20160316;
WO 2013046633 A1 20130404

DOCDB simple family (application)
EP 12837515 A 20120925; CN 201280046847 A 20120925; JP 2012006071 W 20120925