

Title (en)
COMPRESSOR UNIT AND OUTDOOR UNIT PROVIDED THEREWITH

Title (de)
KOMPRESSOREINHEIT UND AUSSENEINHEIT DAMIT

Title (fr)
UNITÉ DE COMPRESSEUR ET UNITÉ EXTÉRIEURE POURVUE DE CELLE-CI

Publication
EP 3502576 A4 20190925 (EN)

Application
EP 17879851 A 20171025

Priority
• JP 2016241051 A 20161213
• JP 2017038586 W 20171025

Abstract (en)
[origin: EP3502576A1] This compressor unit is provided with a compressor (10) which compresses a refrigerant, a refrigerant tube (22) which is connected to the compressor (10), multiple branch tubes (51) which branch in parallel from the refrigerant tube (22), and multiple outdoor heat exchangers (13) which are connected to the branch tubes (51). The branch tubes (51) include a rising part (51a) which branches from the refrigerant tube (22) and rise upwards, a fold-back part (51b) which is connected to the rising part (51a) and folds back downwards, a falling part (51c) which is connected to the fold-back part (51b) and falls downwards, and multiple branch pipes (51d) which connect the falling parts (51c) and the outdoor heat exchangers (13), and the branch tubes (51) have a fixing unit (53) which fixes together the rising parts (51a) of the branch tubes (51).

IPC 8 full level
F24F 1/10 (2011.01); **F24F 1/16** (2011.01); **F24F 1/30** (2011.01); **F24F 1/34** (2011.01)

CPC (source: EP)
F24F 1/10 (2013.01); **F24F 1/16** (2013.01); **F24F 1/30** (2013.01); **F24F 1/34** (2013.01)

Citation (search report)
• [I] KR 20120078889 A 20120711 - LG ELECTRONICS INC [KR]
• [I] CN 204853733 U 20151209 - AIRSYS REFRIGERATION ENGINEERING TECHNOLOGY BEIJING CO LTD
• [I] JP 2011158109 A 20110818 - SANYO ELECTRIC CO
• [A] JP 2009186084 A 20090820 - HITACHI APPLIANCES INC
• See references of WO 2018110103A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3502576 A1 20190626; **EP 3502576 A4 20190925**; JP 2018096609 A 20180621; WO 2018110103 A1 20180621

DOCDB simple family (application)
EP 17879851 A 20171025; JP 2016241051 A 20161213; JP 2017038586 W 20171025