

Title (en)
COMPRESSOR UNIT AND OUTDOOR UNIT PROVIDED THEREWITH

Title (de)
KOMPRESSOREINHEIT UND AUSSENEINHEIT DAMIT

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

Publication
EP 3495746 A4 20191030 (EN)

Application
EP 17880364 A 20171204

Priority
• JP 2016241050 A 20161213
• JP 2017043384 W 20171204

Abstract (en)
[origin: EP3495746A1] This compressor unit is provided with a compressor (10) which compresses a refrigerant, an accumulator (19) which performs gas-liquid separation on a refrigerant guided to the compressor (10), a suction tube (34) which is provided between the compressor (10) and the accumulator (19) and which guides gas refrigerant separated in the accumulator (19) into the compressor (10), an oil return tube (35) which is connected between the bottom of the accumulator (19) and the suction tube (34), a capillary unit (36) formed in a winding shape and provided in an intermediate position of the oil return tube, and a fixing bracket (37) which fixes the oil return tube (35) below the capillary unit (36) to the accumulator (19).

IPC 8 full level
F24F 1/30 (2011.01); **F25B 31/00** (2006.01); **F25B 43/00** (2006.01); **F25B 43/02** (2006.01)

CPC (source: EP)
F24F 1/10 (2013.01); **F24F 1/30** (2013.01); **F25B 31/004** (2013.01); **F25B 43/006** (2013.01); **F25B 43/02** (2013.01); **F25B 2500/13** (2013.01); **F25B 2500/16** (2013.01); **F25B 2500/28** (2013.01)

Citation (search report)
• [X] JP 2008157504 A 20080710 - ITOMIC KANKYOU SYSTEM CO LTD
• [A] JP 2008202892 A 20080904 - YANMAR CO LTD
• [E] EP 3470674 A1 20190417 - MITSUBISHI HEAVY IND THERMAL SYSTEMS LTD [JP]
• See references of WO 2018110331A1

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 3495746 A1 20190612; EP 3495746 A4 20191030; JP 2018096608 A 20180621; WO 2018110331 A1 20180621

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EP 17880364 A 20171204; JP 2016241050 A 20161213; JP 2017043384 W 20171204