

Title (en)
HERMETICALLY SEALED COMPRESSOR

Title (de)
LUFTDICHTER KOMPRESSOR

Title (fr)
COMPRESSEUR FERMÉ HERMÉTIQUEMENT

Publication
EP 3410039 A4 20190227 (EN)

Application
EP 17820073 A 20170623

Priority
• JP 2016129194 A 20160629
• JP 2017023292 W 20170623

Abstract (en)
[origin: EP3410039A1] A hermetic compressor to which an accumulator and an oil tank are provided, wherein the manufacturing cost and size are reduced. A hermetic compressor (1), provided with: a hermetically sealed casing (2); a compression mechanism (3, 4) and a motor (5) for driving the compression mechanism (3, 4), housed in the hermetically sealed casing (2); and an exterior tank (11) adjacently provided on the outside of the hermetically sealed casing (2). An accumulator chamber (16) and an oil storage chamber (17) are formed as separate chambers inside the exterior tank (11). The accumulator chamber (16) is disposed on the inner peripheral side and the oil storage chamber (17) is disposed on the outer peripheral side.

IPC 8 full level
F25B 43/00 (2006.01); **F04C 23/00** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP)
F04C 23/008 (2013.01); **F04C 29/12** (2013.01); **F25B 43/00** (2013.01); **F04C 29/02** (2013.01); **F04C 29/026** (2013.01)

Citation (search report)
• [Y] WO 2013005568 A1 20130110 - TOSHIBA CARRIER CORP [JP], et al
• [Y] JP 2012197973 A 20121018 - MITSUBISHI HEAVY IND LTD
• [A] JP 2012007864 A 20120112 - MITSUBISHI ELECTRIC CORP
• See references of WO 2018003716A1

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 3410039 A1 20181205; EP 3410039 A4 20190227; JP 2018004129 A 20180111; WO 2018003716 A1 20180104

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