

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 3933198 A4 20220316 (EN)

Application
EP 19923433 A 20190402

Priority
JP 2019014605 W 20190402

Abstract (en)
[origin: EP3933198A1] A compressor (10) provided with a housing (11), which extends in the vertical direction and in a bottom portion (11A) of which an oil reservoir (39) formed by the accumulation of oil (38) is arranged, and a compression mechanism (25), which is driven by a motor (23) and compresses the refrigerant, wherein a first oil return passage (45) for leading oil that has moved to an upper portion inside the housing (11) to the bottom portion (11A) inside the housing (11) is provided, and the first oil return passage (45) has an oil return passage main body (51) provided inside the housing (11) and extending in the vertical direction, and an oil outlet portion (52) formed in the housing (11) and connecting the lower end of the oil return passage main body (51) and the bottom portion (11A) inside the housing (11).

IPC 8 full level
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CPC (source: EP)
F01C 21/10 (2013.01); **F04B 39/02** (2013.01); **F04B 39/023** (2013.01); **F04B 39/0238** (2013.01); **F04B 39/0261** (2013.01); **F04C 18/0215** (2013.01); **F04C 18/3564** (2013.01); **F04C 23/005** (2013.01); **F04C 23/008** (2013.01); **F04C 29/028** (2013.01)

Citation (search report)
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• See also references of WO 2020202459A1

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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)
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