

Title (en)
COMPRESSOR UNIT, COMPRESSOR AND REFRIGERANT CIRCUIT

Title (de)
VERDICHTEREINHEIT, VERDICHTER UND KÜHLMITTELKREISLAUF

Title (fr)
UNITÉ DE COMPRESSEUR, COMPRESSEUR ET CIRCUIT DE RÉFRIGÉRANT

Publication
EP 3034964 A1 20160622 (EN)

Application
EP 15199445 A 20151211

Priority
JP 2014257204 A 20141219

Abstract (en)
A compressor unit (5) includes a first pipe (31) that is connected below an oil level (S1) of oil (L) stored inside a compressor (4) on an outer surface of the compressor (4), a second pipe (32) that is connected above the oil level (S1) on the outer surface of the compressor (4), a tank (33) to which the first pipe (31) and the second pipe (32) are connected, and an oil detecting sensor (35) that is mounted on the tank (33) to detect an oil level (S2) and is mounted below the oil level (S2).

IPC 8 full level
F25B 31/00 (2006.01); **F25B 43/02** (2006.01)

CPC (source: EP)
F25B 31/004 (2013.01); **F25B 43/02** (2013.01); **F25B 2600/2519** (2013.01); **F25B 2700/03** (2013.01)

Citation (applicant)
JP 2012247105 A 20121213 - SANYO ELECTRIC CO

Citation (search report)
• [X] US 3724231 A 19730403 - GRANT W
• [XA] JP 2005076902 A 20050324 - DAIKIN IND LTD

Cited by
CN108626907A; CN106708109A; EP3534086A4; US11365923B2

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 3034964 A1 20160622; JP 2016118317 A 20160630; JP 6508814 B2 20190508

DOCDB simple family (application)
EP 15199445 A 20151211; JP 2014257204 A 20141219