

Title (en)
COMPRESSOR SOUND-INSULATING STRUCTURE AND AIR CONDITIONER PROVIDED WITH COMPRESSOR HAVING THE SAME

Title (de)
VERDICHTERSCHALLISOLIERUNGSSTRUKTUR UND MIT DEM VERDICHTER, DER DIESE AUFWEIST, VERSEHENE KLIMAANLAGE

Title (fr)
STRUCTURE D'ISOLATION PHONIQUE DE COMPRESSEUR ET CLIMATISEUR COMPRENANT UN COMPRESSEUR ÉQUIPÉ DE CELLE-CI

Publication
EP 2949934 A3 20151223 (EN)

Application
EP 15169071 A 20150525

Priority
JP 2014109970 A 20140528

Abstract (en)
[origin: EP2949934A2] This sound-insulating structure is for covering the periphery of the compressor (2) and sound insulation of the compressor. A top-portion sound-insulating member (10) that is installed at a top portion of the compressor (2) is provided with a cover member (13) that covers a upper surface of the top-portion sound-insulating member (10), the cover member (13) has an upper surface (18) which is a surface that is inclined downward in a direction in which drain liquid is drained, and the inclined upper surface (18) is provided with a step portion (20) that is provided with a through-hole (19) through which an intake pipe (5B) passes and that is made higher than a surrounding area and a tunnel-like protrusion portion (21) that protrudes upward and in which a discharge pipe (5A) provided with a discharge temperature sensor (16) is disposed.

IPC 8 full level
F04B 39/00 (2006.01); **F04C 29/06** (2006.01); **F04D 29/66** (2006.01); **F25B 1/00** (2006.01)

CPC (source: EP)
F04B 39/0033 (2013.01); **F24F 1/12** (2013.01)

Citation (search report)

- [A] JP 2010121501 A 20100603 - PANASONIC CORP
- [A] JP 2005036698 A 20050210 - MITSUBISHI HEAVY IND LTD
- [AD] JP 2012122700 A 20120628 - DAIKIN IND LTD

Cited by
EP3674548A4; EP3486574A4; EP3567319A4; US2021010712A1; US11959659B2; US11293648B2

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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EP 15169071 A 20150525; ES 15169071 T 20150525; JP 2014109970 A 20140528