

Title (en)
COMPRESSOR SYSTEM AND AIR CONDITIONER INCLUDING THE SAME

Title (de)
KOMPRESSORSYSTEM UND KLIMAANLAGE DAMIT

Title (fr)
SYSTEME DE COMPRESSEUR ET CLIMATISEUR COMPRENANT CELUI-CI

Publication
EP 2977692 A1 20160127 (EN)

Application
EP 15173899 A 20150625

Priority
JP 2014149621 A 20140723

Abstract (en)
Provided is a compressor system including an accumulator (7) configured to accumulate a refrigerant, a compressor (8) configured to compress the refrigerant, and a sheet material (15) formed in one sheet. The sheet material (15) includes a compressor insulating portion (16) wound around the compressor (8), an accumulator insulating portion (17) wound around the accumulator (7), and an isolating portion arranged between the compressor (8) and the accumulator (7) so as to isolate a region in which the compressor (8) is arranged and a region in which the accumulator (7) is arranged. The compressor system can reduce heat transfer from the compressor (8) to the accumulator (7). Also, since the number of components of the compressor system is small, the sheet material (15) can be easily attached.

IPC 8 full level
F25B 43/00 (2006.01); **F25B 13/00** (2006.01); **F25B 31/00** (2006.01)

CPC (source: EP)
F25B 13/00 (2013.01); **F25B 31/00** (2013.01); **F25B 43/006** (2013.01); **F25B 2400/07** (2013.01); **F25B 2500/11** (2013.01); **F25B 2500/18** (2013.01)

Citation (applicant)
• JP 2004360476 A 20041224 - MITSUBISHI ELECTRIC CORP
• JP 4124146 B2 20080723

Citation (search report)
• [I] EP 2754969 A1 20140716 - DAIKIN IND LTD [JP]
• [A] EP 2472191 A2 20120704 - LG ELECTRONICS INC [KR]
• [A] WO 2013099164 A1 20130704 - PANASONIC CORP [JP]
• [A] WO 2013046591 A1 20130404 - DAIKIN IND LTD [JP], et al

Cited by
US2019376499A1

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

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