

Title (en)

ACCUMULATOR FOR COMPRESSOR AND COMPRESSOR WITH ACCUMULATOR

Title (de)

AKKUMULATOR FÜR EINEN KOMPRESSOR UND KOMPRESSOR MIT DEM AKKUMULATOR

Title (fr)

ACCUMULATEUR POUR COMPRESSEUR ET COMPRESSEUR DOTÉ D'UN ACCUMULATEUR

Publication

EP 4080140 A1 20221026 (EN)

Application

EP 22151129 A 20220112

Priority

KR 20210051301 A 20210420

Abstract (en)

An accumulator for a compressor and a compressor having an accumulator are disclosed. The accumulator may include a case configured to be disposed at an outside of a shell of a compressor and defining a refrigerant accommodating space, a refrigerant connection pipe having a first end that communicates with an outlet side of an evaporator and a second end that communicates with the refrigerant accommodating space of the case, and a refrigerant suction pipe having a first end that communicates with the refrigerant accommodating space of the case and a second end that communicates with a suction side of the compressor. The refrigerant suction pipe may be fixed to a lower surface and an upper surface of the case defining the refrigerant accommodating space. Therefore, the refrigerant suction pipe may be fixed to the case of the accumulator without a separate pipe holder, thereby attenuating vibration of the accumulator and reducing manufacturing costs.

IPC 8 full level

F25B 43/00 (2006.01)

CPC (source: CN EP KR US)

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Citation (applicant)

- JP S61197968 A 19860902 - TOSHIBA CORP
- JP 2013119817 A 20130617 - HITACHI APPLIANCES INC
- JP 2011169183 A 20110901 - PANASONIC CORP

Citation (search report)

- [XYI] JP S5493862 U 19790703
- [XAYI] JP 2013134004 A 20130708 - CHIYODA KUCHO KIKI KK
- [A] KR 20010027896 A 20010406 - LG ELECTRONICS INC [KR]
- [A] CN 110749132 A 20200204 - ZHEJIANG SANHUA AUTOMOTIVE COMPONENTS CO LTD

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

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KH MA MD TN

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