

Title (en)

CONNECTING DEVICE AND REFRIGERANT COMPRESSOR

Title (de)

VERBUNDUNGSVORRICHTUNG, SOWIE KÄLTEMITTELVERDICHTER

Title (fr)

DISPOSITIF DE CONNEXION, AINSI QUE COMPRESSEUR DE FLUIDE RÉFRIGÉRANT

Publication

EP 3906363 A1 20211110 (DE)

Application

EP 19839250 A 20191231

Priority

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- EP 2019000352 W 20191231

Abstract (en)

[origin: WO2020141016A1] A connecting device (10) designed for connecting a suction gas inlet of a refrigerant compressor to a corresponding low-pressure volume external to the compressor and/or for connecting a compression gas outlet of a refrigerant compressor to a corresponding high-pressure volume external to the compressor, said connecting device having: a first flange element (12) which has a first port section (14) and a first flange (16), the first port section (14) being designed for connection to the suction gas inlet or the compression gas outlet of the compressor; a second flange element (18) which has a second port section (20) and a second flange (22), the second port section (20) being designed for connection to the low-pressure volume external to the compressor and/or the high-pressure volume external to the compressor; a first holding device (24) for holding at least some of the first flange element (12) and a second holding device (26) for at holding at least some of the second flange element (18); a fastener for detachably fastening the first holding device (24) and the second holding device (26) to each other; and a sealing device (34) which can be arranged between the first flange (16) and the second flange (22). The invention also relates to a corresponding compressor and a corresponding refrigeration circuit.

IPC 8 full level

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CPC (source: EP)

F04B 39/123 (2013.01); **F16L 23/024** (2013.01); **F16L 23/0283** (2013.01); **F16L 23/0286** (2013.01)

Citation (examination)

- DE 357800 C 19220901 - HUGO KLERNER
- EP 3392544 A1 20181024 - NINGBO TIANSHENG SEALING PACKING CO LTD [CN]
- See also references of WO 2020141016A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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