

Title (en)  
COMPRESSOR SYSTEM

Title (de)  
VERDICHTERSYSTEM

Title (fr)  
SYSTÈME DE COMPRESSEUR

Publication  
**EP 3550146 A1 20191009 (EN)**

Application  
**EP 19167139 A 20190403**

Priority  
JP 2018073208 A 20180405

Abstract (en)  
The compressor system includes guide pipes (30A and 30B) fixed to a housing (11), and suction pipes (26A and 26B) inserted through suction ports (23A and 23B) formed in a cylinder accommodated in the housing (11). The guide pipes (30A and 30B) each have a guide pipe widening diameter portion (303A) having a diameter that gradually increases. The suction pipes (26A and 26B) have a suction pipe widening diameter portion (263A) having a diameter that gradually increases from a suction pipe small diameter portion (261A) side inserted through a guide pipe small diameter portion (301A) toward a suction pipe large diameter portion (262A) having a diameter larger than that of the guide pipe small diameter portion (301A), and having an outer circumferential surface that abuts an inner circumferential surface of a guide pipe widening diameter portion (303A).

IPC 8 full level  
**F04C 18/356** (2006.01); **F04C 23/00** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP)  
**F04C 18/356** (2013.01); **F04C 23/001** (2013.01); **F04C 23/008** (2013.01); **F04C 29/12** (2013.01); **F04C 2240/804** (2013.01); **F04C 2240/806** (2013.01)

Citation (applicant)  
JP S5956392 U 19840412

Citation (search report)

- [XD] JP S5956392 U 19840412
- [I] US 2010322796 A1 20101223 - KO IN-SEOK [KR]
- [Y] JP S59131781 A 19840728 - SANYO ELECTRIC CO
- [Y] WO 2017130916 A1 20170803 - MITSUBISHI HEAVY IND THERMAL SYSTEMS LTD [JP]

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WO2022041857A1

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 3550146 A1 20191009**; **EP 3550146 B1 20210519**; JP 2019183702 A 20191024; JP 7080092 B2 20220603

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