

Title (en)  
COMPRESSOR SYSTEM

Title (de)  
VERDICHTERSYSTEM

Title (fr)  
SYSTÈME DE COMPRESSEUR

Publication  
**EP 3550147 C0 20230705 (EN)**

Application  
**EP 19167376 A 20190404**

Priority  
JP 2018074090 A 20180406

Abstract (en)  
[origin: EP3550147A1] A compressor system includes a compression mechanism unit which includes a cylinder (12A) having a compression chamber formed inside; a housing (11) through which a high-pressure refrigerant generated flows; and a suction pipe (26A) in which an insertion end portion (42) to be inserted into an suction port (23A) formed in the cylinder (12A) is formed at an end portion. Between an outer peripheral surface of the insertion end portion (42) and an inner peripheral surface of the suction port (23A), an abutment region in which the outer peripheral surface of the insertion end portion (42) and the inner peripheral surface of the suction port (23A) abut each other, and a non-abutment region (A2) forming a space between the outer peripheral surface of the insertion end portion (42) and the inner peripheral surface of the suction port (23A) are formed.

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)

Cited by  
US2022186731A1; US12000401B2; CN111536044A

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

Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

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