

Title (en)  
ROTARY COMPRESSOR

Title (de)  
ROTATIONSVERDICHTER

Title (fr)  
COMPRESSEUR ROTATIF

Publication  
**EP 3399193 A1 20181107 (EN)**

Application  
**EP 17785709 A 20170315**

Priority  
• JP 2016084924 A 20160421  
• JP 2017010498 W 20170315

Abstract (en)  
A rotary compressor (1) includes a rotating shaft (3), a rotary-type compression mechanism (4), and a muffler (10) which is disposed around the axis of the rotating shaft (3). The muffler (10) includes: a muffler body (11) for receiving a compressed refrigerant therein; and a flow passage wall (12) for forming an output flow passage (100) between the flow passage wall (12) and the rotating shaft (3) or a bearing section (6B), the output flow passage (100) having a predetermined length and allowing the refrigerant to flow to the outside of the muffler (10) in the axial direction of the rotating shaft (3). The output flow passage (100) includes: a first flow passage portion (101) located at a part in the circumferential direction (D1) of the rotating shaft (3); and a second flow passage portion (102) which is adjacent to the first flow passage portion (101) in the circumferential direction (D1). The second flow passage portion (102) has a greater dimension in the radial direction of the rotating shaft (3) than that of the first flow passage portion (101), and has a greater cross-sectional area than that of the first flow passage portion (101).

IPC 8 full level  
**F04C 29/06** (2006.01)

CPC (source: EP)  
**F04C 18/356** (2013.01); **F04C 23/008** (2013.01); **F04C 29/06** (2013.01); **F04C 29/065** (2013.01); **F04C 29/068** (2013.01)

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