

Title (en)  
REFRIGERANT COMPRESSOR

Title (de)  
KÜHLKOMPRESSOR

Title (fr)  
COMPRESSEUR RÉFRIGÉRANT

Publication  
**EP 3214308 A1 20170906 (EN)**

Application  
**EP 17159120 A 20170303**

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Abstract (en)  
Refrigerant compressor (1) including a compressor housing (2) with a compressor housing base (3) and a compressor housing cover (4), which compressor housing (2) hermetically encloses a cylinder housing (5) and a drive assembly (6), the refrigerant compressor (1) further comprising a cylinder (7) and a piston (8) which are arranged inside the cylinder housing (5), said piston (8) being drivable by the drive assembly (6), in order to move back and forth in the cylinder (7) for compressing a refrigerant, the cylinder housing (5) being mounted at the compressor housing base (3) by means of at least one spring element (11), in order to allow for a movement and to damp vibrations of the cylinder housing (5), wherein a ring-shaped element (12) is provided, which is rigidly connected to the cylinder housing (5) and is arranged between the cylinder housing (5) and the compressor housing cover (4), and wherein a cover pin (13) is provided, which is rigidly connected to the compressor housing cover (4) and is extending into an annular recess (14) of the ring-shaped element (12), in order to limit the movement of the cylinder housing (5). According to the present invention it is provided that the ring-shaped element (12) comprises a coating with or is made of a rubber material.

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Citation (search report)

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