

Title (en)
REFRIGERATION COMPRESSOR AND LIMITING DEVICE

Title (de)
KÜHLKOMPRESSOR UND BEGRENZUNGSVORRICHTUNG

Title (fr)
COMPRESSEUR DE RÉFRIGÉRATION ET DISPOSITIF DE LIMITATION

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Application
EP 15847057 A 20150925

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Abstract (en)
[origin: WO2016050174A2] The invention discloses a refrigeration compressor and a limiting device for the refrigeration compressor. The refrigeration compressor comprises an upper housing and a lower housing, which are combined to form a containing space; at least one guide post which is arranged within the lower housing and over which a supporting spring is fitted; a pump body arranged in the containing space and supported by the supporting spring; and at least one limiting device comprising a mounting portion mounted on an inner wall of the lower housing; a stepped portion connected to an upper end of the mounting portion and protruding towards a direction away from an inner wall of the housing relative to a surface of the mounting portion; a limiting portion extending obliquely from the stepped portion to a position above a portion of the pump body so as to block upward movement of the pump body. The limiting device comprises a mounting portion for attaching the limiting device to an inner wall of the lower housing of the refrigeration compressor; a stepped portion connected to an upper end of the mounting portion and protruding towards one side relative to a surface of the mounting portion; and a limiting portion extending from a side portion of the stepped portion and inclined at an angle with respect to the stepped portion.

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