

Title (en)

Motor suspension improvements in sealed refrigerating compressors.

Title (de)

Motoraufhängung für einen hermetischen Kühlungsverdichter.

Title (fr)

Modifications de la suspension du moteur d'un compresseur hermétique de réfrigération.

Publication

EP 0382671 A2 19900816 (EN)

Application

EP 90500010 A 19900206

Priority

ES 8900435 A 19890208

Abstract (en)

In a suspension in which the motor-compressor ensemble is suspended through helical springs (R) arranged between a support (S) of the compressor tub walls (C) and a point of the compressor body (E), the border of an opening (A) for receiving the spring end is formed with a circumferential inclined surface with two ends (2,3) mutually close, spaced apart in the axial direction of the opening and connected by a short run (3a), and a tenon (3b,4,6) is formed to protrude from the upper face of the support (S), forming a stop for a bent end (5) of the helical spring (R) to limit the introduction length of the said spring in the support (S). The borders of the opening (A) form an inclined surface, either straight or arcuate, to rest between the spring turns. It is thus avoided the tapping or beating of the spring turns onto the support, and the thus arising noise.

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