

Title (en)

Improvement in the lubricating system for a hermetically sealed reciprocating compressor

Title (de)

Smierungsanlage für einen hermetischen Kolbenverdichter

Title (fr)

Système de lubrification pour un compresseur hermétique à mouvement alternatif

Publication

EP 0728946 A1 19960828 (EN)

Application

EP 96100810 A 19960120

Priority

IT PN950014 U 19950223

Abstract (en)

The compressor comprises a hermetically sealed casing (7) in which a piston (8) is operable by a rotating shaft (9) an end portion of which rotatably drives pumping means adapted to supply a lubrication system of the compressor with lubricant oil from an oil bath (13) contained in the casing.

The pumping means comprise a helical-screw rotor (14) which is coupled by snap-fitting to said rotating means (9) and combines with an adjacent coaxial stator (15) to define a pumping chamber (16) dipped in said oil bath (13). <IMAGE>

IPC 1-7

F04B 39/02

IPC 8 full level

F04B 39/02 (2006.01)

CPC (source: EP)

F04B 39/0261 (2013.01)

Citation (search report)

- [XA] WO 9322557 A1 19931111 - BRASIL COMPRESSORES SA [BR], et al
- [A] GB 768058 A 19570213 - HEINZ TEVES, et al

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KR100693141B1; KR100745711B1; WO0001949A1; CN106870328A; EP2728188A3; CN104011386A; JP2012505331A; CN103541883A; US6450785B1; CN1133814C; CN111486075A; DE10244562A1; DE10244562B4; CN1089405C; CN104675670A; EP2657524A1; CN103375385A; CN104632635A; US9617985B2; EP2916005A1; US8079830B2; US10378527B2; US8202067B2; WO2004063570A1; WO2008052297A1; WO2013097971A1; WO2013098130A1; WO2013097973A1; WO2016192975A1

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