

Title (en)
HERMETIC MOTOR COMPRESSOR

Publication
EP 0300866 B1 19910313 (FR)

Application
EP 88401743 A 19880705

Priority
FR 8710574 A 19870724

Abstract (en)
[origin: EP0300866A1] The invention relates to a hermetic motor compressor, the operating reliability of which is improved, as far as possible lubrication faults which may result from the presence of a refrigerating fluid are concerned. The motor compressor (1) has a sealed enclosure (2), a lower part of which forms a housing (10) intended to contain a lubrication oil. In certain cases, the housing (10) contains a mixture (13) of lubrication oil and refrigerating fluid, and contains a quantity of liquid refrigerating fluid (12). According to the invention, the motor compressor (1) comprises means (15) for detecting the presence of liquid refrigerant (12) in the housing (10), in order to avoid the liquid refrigerant (12) being drawn off by a pump (8) as lubrication fluid. <IMAGE>

IPC 1-7
F25B 31/02; **F25B 49/00**

IPC 8 full level
F04B 39/02 (2006.01); **F04B 49/10** (2006.01); **F25B 31/02** (2006.01); **F25B 49/00** (2006.01)

CPC (source: EP)
F25B 31/02 (2013.01); **F25B 49/005** (2013.01)

Cited by
EP2075519A3; EP0451325A3; EP0426152A1; US5052897A; US8006504B2; WO2004092686A3

Designated contracting state (EPC)
AT DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0300866 A1 19890125; **EP 0300866 B1 19910313**; AT E61658 T1 19910315; DE 3861994 D1 19910418; DK 163894 B 19920413; DK 163894 C 19920914; DK 407988 A 19890125; DK 407988 D0 19880721; ES 2021450 B3 19911101; FR 2618537 A1 19890127; FR 2618537 B1 19890915; JP H01104983 A 19890421

DOCDB simple family (application)
EP 88401743 A 19880705; AT 88401743 T 19880705; DE 3861994 T 19880705; DK 407988 A 19880721; ES 88401743 T 19880705; FR 8710574 A 19870724; JP 18277288 A 19880721