

Title (en)
Compressor with hermetically sealed casing

Title (de)
Kompressor mit hermetisch gedichtetem Gehäuse

Title (fr)
Compresseur avec carter hermétique

Publication
EP 0561385 B1 19961009 (EN)

Application
EP 93104359 A 19930317

Priority
IT PN920012 U 19920318

Abstract (en)
[origin: EP0561385A1] A compressor comprises a motor-compressor unit of the volumetric type mounted by means of spring suspension assemblies within a hermetically sealed metal casing (5) composed of a casing body (6) and a cover (7). The casing (5) is of an asymmetric configuration having at any point thereof a double curvature of different magnitude relative to two ortogonal planes intersecting at the center axis (8) of the casing, with a substantially cambered lateral surface (9) of substantially elliptic cross-sectional shape. The audible noise emitted by the compressor is substantially reduced. <IMAGE>

IPC 1-7
F04B 39/12

IPC 8 full level
F04B 39/00 (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)
F04B 39/0027 (2013.01); **F04B 39/0033** (2013.01); **F04B 39/121** (2013.01)

Cited by
GB2283789A; US5487648A; GB2283789B; ES2114777A1; US6276906B1; WO9853205A1

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

DOCDB simple family (publication)
EP 0561385 A1 19930922; EP 0561385 B1 19961009; AT E144026 T1 19961015; DE 69305207 D1 19961114; DE 69305207 T2 19970220; ES 2095508 T3 19970216; IT 229034 Y1 19980624; IT PN920012 U1 19930918; IT PN920012 V0 19920318

DOCDB simple family (application)
EP 93104359 A 19930317; AT 93104359 T 19930317; DE 69305207 T 19930317; ES 93104359 T 19930317; IT PN920012 U 19920318