

Title (en)

NOISE ABSORBING COMPOSITE FOR THE SUSPENSION SYSTEM OF COMPRESSORS, MOTORS AND SIMILAR APPARATUS

Title (de)

GERÄUSCHABSORBIERENDE ZUSAMMENSETZUNG FÜR DAS AUFHÄNGUNGSSYSTEM VON KOMPRESSOREN, MOTOREN UND ÄHNLICHEM

Title (fr)

MATERIAU COMPOSITE AMORTISSEUR DE BRUIT POUR LE SYSTEME DE SUSPENSION DE COMPRESSEURS, MOTEURS ET APPAREILS SIMILAIRES

Publication

EP 0608403 B1 19960403 (EN)

Application

EP 93917466 A 19930819

Priority

- BR 9203332 A 19920820
- BR 9300028 W 19930819

Abstract (en)

[origin: WO9404822A1] Noise absorbing composite for the suspension system of compressors, motors and similar apparatus, which can be used in a suspension system of the type defined by metallic helical springs (3A, 3B), which interconnect a fixed case (2) of a hermetic compressor with its motor-pump assembly (1), the latter being provided with a high frequency vibratory movement, said noise absorbing composite (10) being defined by a portion of viscoelastic material, disposed in close and permanent contact with a substantial portion of the surface of said springs (3A, 3B), said viscoelastic material (10) comprising: a main elastomeric portion, defined by 100 parts of a compound, which is selected from the group consisting of: polysiloxanes, tetracyclosiloxanes, pentacyclosiloxanes or mixtures thereof; a portion of vulcanization, defined from 0.2 to 6.0 phr of a compound selected from the group consisting of: di-cumile peroxide; 2.5-bis (ter-butyl) peroxide; 2.5 dimethylhexane, or mixtures thereof.

IPC 1-7

F04B 39/00; **F04B 39/12**

IPC 8 full level

F04B 39/00 (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)

F04B 39/0044 (2013.01); **F04B 39/127** (2013.01)

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

WO 9404822 A1 19940303; BR 9203332 A 19940301; CN 1085581 A 19940420; DE 69302082 D1 19960509; EP 0608403 A1 19940803; EP 0608403 B1 19960403; JP H07500402 A 19950112

DOCDB simple family (application)

BR 9300028 W 19930819; BR 9203332 A 19920820; CN 93116452 A 19930819; DE 69302082 T 19930819; EP 93917466 A 19930819; JP 50569794 A 19930819