

Title (en)

Transformer of the closed ferrite magnetic circuit type.

Title (de)

Transformator mit geschlossenem Ferrit-Magnetkreis.

Title (fr)

Transformateur du type à circuit magnétique fermé en ferrite.

Publication

EP 0390643 B1 19940420 (FR)

Application

EP 90400760 A 19900320

Priority

FR 8903985 A 19890328

Abstract (en)

[origin: JPH02281720A] PURPOSE: To suppress generation of noise due to magnetic distortion, by filling in an air gap with a packing material of a single component having a prescribed Shore hardness with respect to temperature. CONSTITUTION: An air gap 6 of the transformer consisting of a ferrite-made magnetic closed circuit is filled in with a packing material 15 of a single component having a prescribed Shore hardness with respect to temperature. The packing material 15 desirably has a Shore hardness of 30 at 25 deg.C, and a polysulfide group packing material or a polyurethane group packing material is adopted for the material 15. The single component packing material is of self-adhesion, sufficiently flexible to cushion vibration and cured without causing contraction due to the lapse of time. Thus, generation of unpleasant noise due to magnetic distortion is suppressed.

IPC 1-7

H01F 3/14

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

EP 0315527 A1 19890510 - OREGA ELECTRO MECANIQUE [FR]

Cited by

EP0660339A1; FR2714206A1; US6177855B1

Designated contracting state (EPC)

DE ES FR GB IT NL SE

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EP 0390643 A1 19901003; **EP 0390643 B1 19940420**; DE 69008226 D1 19940526; DE 69008226 T2 19940804; ES 2051480 T3 19940616; FR 2645336 A1 19901005; FR 2645336 B1 19910607; HK 26095 A 19950310; JP 2945061 B2 19990906; JP H02281720 A 19901119; US 5025241 A 19910618

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