

Title (en)

High voltage transformer and method.

Title (de)

Hochspannungstransformator und Verfahren zur Herstellung.

Title (fr)

Transformateur à haute tension et son procédé de fabrication.

Publication

EP 0191694 A1 19860820 (EN)

Application

EP 86400241 A 19860205

Priority

US 69962485 A 19850208

Abstract (en)

A high voltage transformer includes a gas permeable crepe paper envelope (15, 27) wrapped around the transformer windings (5, 7, 21). The windings and crepe paper envelope are encapsulated in a gas impermeable material (31) using standard resin casting techniques and then impregnated with gaseous SF₆ (35) which is a self-healing dielectric gas. The crepe paper envelope prevents the resin coating material from penetrating the windings, thus allowing better diffusion and contact of the dielectric gas with the windings.

IPC 1-7

H01F 41/12

IPC 8 full level

H01F 41/12 (2006.01)

CPC (source: EP)

H01F 41/127 (2013.01)

Citation (search report)

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- [A] PATENTS ABSTRACTS OF JAPAN, vol. 7, no. 13 (E-153) [1158], 19th January 1983; & JP - A - 57 170 509 (TOKYO SHIBAURA DENKI K.K.) 20-10-1982

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