Title (en)

Gas insulated transformer

Title (de)

Gasisolierter Transformator

Title (fr)

Transformateur isolé par du gaz

Publication

**EP 0859382 B1 20040331 (FR)**

Application

**EP 98200142 A 19980120**

Priority

ES 9700260 A 19970210

Abstract (en)

[origin: EP0859382A2] The transformer (15) has a magnetic core and primary and secondary coils contained within or are in contact with its casing (11). Within the casing, there is moulded resin (14) and pumped dielectric gas in the spaces between the coils. A disc (10) is held directly between the casing and its cover (12) which fixes on cover and forms a channel between the disc and the exterior of the casing. The cover is screwed onto the casing and a ring seal (13) is placed between the disc and the cover. The cover has a series of openings (19) to allow the gas to escape should the disc break. The casing may cover the whole of the core and the primary and secondary coils. Alternatively, it may be a single piece covering the part of the transformer necessary to form the channel between the core and coils and the disc.

IPC 1-7

**H01F 27/40**; H01F 27/32

IPC 8 full level

**H01F 27/40** (2006.01)

CPC (source: EP)

**H01F 27/402** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0859382 A2 19980819**; **EP 0859382 A3 19981118**; **EP 0859382 B1 20040331**; AT 263420 T 20040415; DE 69822690 D1 20040506; DE 69822690 T2 20050317; ES 2119720 A1 19981001; ES 2119720 B1 19990501; ES 2221113 T3 20041216; PT 859382 E 20040831

DOCDB simple family (application)

**EP 98200142 A 19980120**; AT 98200142 T 19980120; DE 69822690 T 19980120; ES 9700260 A 19970210; ES 98200142 T 19980120; PT 98200142 T 19980120