

Title (en)  
TRANSFORMER WITH A PROTECTIVE DEVICE

Publication  
**EP 0224072 B1 19900718 (DE)**

Application  
**EP 86115158 A 19861031**

Priority  
DE 3540637 A 19851115

Abstract (en)  
[origin: EP0224072A1] 1. Transformer with fusing device for disconnection in the case of electrical faults occurring within an oil-filled transformer tank, for example in the case of short-circuits occurring on the windings, with a safety fuse (13), formed as an IK interrupter, between the lower end of a conductor bolt (11) assigned to a high-voltage bushing, and a winding terminal belonging to the said conductor bolt (11), characterised in that - the distance between the lower end of the high-voltage bushing and the upper end of the safety fuse (13) is less than half the length of the safety fuse (13), and in that - the conductor section between the lower end of the high-voltage bushing and the safety fuse (13) is constructed in such a way that it is without an arc base, in that - this conductor section is encased by corresponding pieces of shrink tubing, and - the safety fuse (13) carries a shield (16) which is open in the direction of the high-voltage bushing and is made of insulating material.

IPC 1-7  
**H01F 27/04; H01F 27/40**

IPC 8 full level  
**H01F 27/04** (2006.01); **H01F 27/40** (2006.01)

CPC (source: EP)  
**H01F 27/04** (2013.01); **H01F 27/402** (2013.01); **H01F 2027/404** (2013.01)

Citation (examination)  
Elektrizitätswirtschaft, 83 Jahrgang (1984), Seiten 318-321

Cited by  
EP0383988A1; EP0678879A1

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**EP 0224072 A1 19870603; EP 0224072 B1 19900718**; AT E54773 T1 19900815; BR 8605622 A 19870818; DE 3540637 A1 19870521; DE 3672767 D1 19900823; PT 83738 A 19861201; PT 83738 B 19930129

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