

Title (en)  
CYLINDRICAL OIL VESSEL FOR STEPPING SWITCHES OF TRANSFORMER TAP CHANGERS

Publication  
**EP 0103299 B1 19851218 (DE)**

Application  
**EP 83109020 A 19830913**

Priority  
DE 3234213 A 19820915

Abstract (en)  
[origin: EP0103299A1] 1. Cylindrical oil vessel, for tap switches of tapped transformers, which consists of an insulating cylinder (1) carrying the outer terminal and output contacts (7, 13) and of a cover and base part (2) flanged on thereat, wherein the base part (2) engages by a rim into the clear width of the insulating cylinder (1) and an O-ring seal (5), which is arranged at this rim in an encircling recess (4), lies sealingly against the inside of the insulating cylinder (1) and wherein at least one output ring (6) is present, which extends around at the inside wall of the insulating cylinder (1) and is connected with the outer output contacts (7), characterized thereby, that the base part (2) is constructed as glass-fiber re-inforced moulded part of insulating material, which part lies against the end face of the insulating cylinder by means of several shaped-on eyelets (9) protruding relative to the outer circumference of the insulating cylinder (1) and is firmly connected with the insulating cylinder by means of several tie bolts (8), which are on the one hand plugged through the eyelets and on the other hand anchored at the output contacts (7) sitting in the wall of the insulating cylinder, wherein the rim (3) engaging into the insulating cylinder reaches almost as far as the output ring (6) and the upwardly free recess (4) for the O-ring seal (5) is covered by means of the output ring.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**H01F 29/025** (2013.01); **H01H 9/0044** (2013.01); **H01H 2009/005** (2013.01)

Cited by  
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**EP 0103299 A1 19840321**; **EP 0103299 B1 19851218**; AT E17064 T1 19860115; DE 3234213 A1 19840315; DE 3234213 C2 19851017; ES 525603 A0 19840601; ES 8405553 A1 19840601; JP H0422013 B2 19920415; JP S5966108 A 19840414

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