

Title (en)  
Power and/or distribution transformer equipped with on-load tap-changer

Title (de)  
Leistungs- und/oder Verteilungstransformator mit Lastumschalter

Title (fr)  
Transformateur de puissance et/ou distribution avec changeur de prises en charge

Publication  
**EP 0957496 A2 19991117 (EN)**

Application  
**EP 99201458 A 19990511**

Priority  
IT MI981021 A 19980511

Abstract (en)  
A power and/or distribution transformer comprising: a tank provided with a magnetic core, high- and low-voltage windings, adjustment windings, insulating partitions made of solid material which are interposed between the high- and low-voltage windings and a dielectric and cooling fluid; an on-load tap changer which comprises: at least one selector which is immersed in a lubricating fluid; at least one diverter switch which comprises arc contacts and a dielectric arc-quenching fluid; characterized in that the dielectric and cooling fluid of the transformer and/or the dielectric and arc-quenching fluid and/or the lubricating fluid of the selector are liquid perfluoropolyethers, and in that the tank and the diverter switch are each provided with a filter for reducing chemically reactive gas species generated by the decomposition of the fluids. <IMAGE>

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IPC 8 full level  
**H01F 27/02** (2006.01); **H01F 27/12** (2006.01); **H01F 27/14** (2006.01); **H01F 27/40** (2006.01)

CPC (source: EP)  
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**H01H 2009/0055** (2013.01)

Cited by  
EP1113548A1; DE102013100266A1; US7842122B2; EP1113549A1; US2017288572A1; US10069437B2; WO2012107816A1; WO2007003595A1;  
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