

Title (en)  
ON-LOAD TAP CHANGER

Publication  
**EP 0150130 A3 19860129 (EN)**

Application  
**EP 85300441 A 19850123**

Priority  
JP 851684 U 19840124

Abstract (en)  
[origin: EP0150130A2] An on-load tap changer comprises a switch 18 such as a diverter switch or a selector switch including an current interrupting unit 20, a vessel 16 containing the switch together with an electrically insulating oil, a closed oil passage loop 43 including an oil conduit 38 having an inlet opening at the bottom portion of the vessel, the conduit extending through the upper portion of the vessel, passing through a level lower than the vessel, and connecting to the top portion of the vessel. The conduit has formed therein a small hole 44 at a position higher than the arc interrupting unit. The diameter of the small hole is sufficiently smaller than the inner diameter of the conduit to permit most of the insulating oil supplied into the oil filter unit 36 to be supplied from the inlet opening of the conduit at the bottom portion of the vessel rather than from the upper portion of the vessel.

IPC 1-7  
**H01F 29/02**; **H01F 27/14**

IPC 8 full level  
**H01F 27/14** (2006.01); **H01F 29/02** (2006.01); **H01F 29/04** (2006.01)

CPC (source: EP)  
**H01F 27/14** (2013.01); **H01F 29/025** (2013.01); **H01H 2009/0055** (2013.01)

Citation (search report)  
• [A] GB 1009319 A 19651110 - SHINJI NAKAZAWA, et al  
• [A] DE 3240724 A1 19830511 - MITSUBISHI ELECTRIC CORP [JP]

Cited by  
CN104051136A; CN113909205A

Designated contracting state (EPC)  
BE DE FR GB

DOCDB simple family (publication)  
**EP 0150130 A2 19850731**; **EP 0150130 A3 19860129**; JP H0311867 Y2 19910320; JP S60119724 U 19850813

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**EP 85300441 A 19850123**; JP 851684 U 19840124