

Title (en)
TAP CHANGE DEVICE FOR TRANSFORMERS

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Application
EP 87110777 A 19870724

Priority
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Abstract (en)
[origin: EP0258614A1] Tap change devices are normally provided on transformers with a finely graded winding (16) with taps (1 to 15) and have vacuum switching tubes in the load switch used at times for the actual load switching. According to the invention, only a single vacuum switching tube is provided for each phase, which tube has two moving switching contacts (26, 27) between two fixed contacts (22, 23), each of which switching contacts can be placed on the fixed contact (22 or 23) adjacent to it and on the other switching contact (26 or 27). The tap change device according to the invention can be used with all adjustable transformers and results in a noticeable reduction in the maintenance costs since, as a consequence of the greater number of connections, the maintenance intervals are significantly greater than for tap change devices with switching contacts operated in oil. <IMAGE>

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H01H 9/00

IPC 8 full level
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Cited by
DE102010053466A1; WO2012097957A1; WO2012136423A1; WO2012034653A1; CN103460324A; DE102006033422B3; EP1881510A1; DE102011008959B3; DE102011008959B9; CN103282986A; KR20140003461A; US9293273B2; US8947188B2; DE102010045901A1; US9165726B2; WO2012072181A1; US9607781B2; JP2013539221A

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