Title (en)

LOAD CHANGER FOR SWITCHING STEP WINDINGS OF A THREE-PHASE TRANSFORMER

Publication

EP 0120379 B1 19870616 (DE)

Application

EP 84102606 A 19840309

Priority

DE 3310741 A 19830324

Abstract (en)

[origin: EP0120379A1] 1. A load-changer for switching step windings of a three-phase transformer comprising fixed contacts (8) arranged on a ring in a plane for each phase and connected to taps of closely-stepped windings, characterized in : that there are circuit device with respective specific assemblies for selectors and load switches is known manner ; the closely-stepped windings (U3, V3, W3) are parts of windings of the three phases (U, V, W) which are electrically switched in a triangle and the closely-stepped windings (U3, V3) of the first and second phase are arranged at a common corner point of the triangle connection ; that the two planes (2, 3) which house the fixed contacts (8) opf the taps of one of the first and second closely-shepped windings (U3, V3) assigned to the common corner point have a spacing in accordance with the relatively small differences in potential between said two closely-stepped windings (U3, V3) ; and that the plane (4) which houses the fixed contacts (8) of the third closely-stepped winding (W3) is spaced from the nearest of the two other planes (3) to be at least in accordance with the operating and testing voltages between the phases (U, V, W) of the entire winding.

IPC 1-7

H01F 21/12; H01F 29/02

IPC 8 full level

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CPC (source: EP)

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Cited by

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