

Title (en)

Switching device for an on-load tap changer

Title (de)

Schaltvorrichtung für einen Abzapfwechsler

Title (fr)

Dispositif de commutation pour changeur de prise en charge

Publication

EP 2767996 B1 20170927 (EN)

Application

EP 13155347 A 20130215

Priority

EP 13155347 A 20130215

Abstract (en)

[origin: EP2767996A1] A switching device (115, 300) for an on-load tap changer (100) is disclosed. The switching device is designed for providing electrical connection between a fixed contact (135) and an external output (155) of the tap changer. The switching device provides: a main current path comprising a main switch (140) which is series-connected in the main current path; and a transition current path comprising a transition inductor (400) and a transition switch (145). The transition switch and the transition inductor are connected in series. The impedance of the transition current path is higher than the impedance of the main current path, the impedance of the transition current path being mainly inductive. The main switch and the transition inductor are connected in parallel, so that upon opening of the main switch, a load current flowing through the main current path will be commutated to the transition current path.

IPC 8 full level

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CPC (source: EP)

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