

Title (en)
TAP SWITCH WITH SEMICONDUCTOR SWITCHING ELEMENTS

Title (de)
STUFENSCHALTER MIT HALBLEITER-SCHALTELEMENTEN

Title (fr)
COMMUTATEUR À GRADINS POURVU D'ÉLÉMENTS DE COMMUTATION À SEMI-CONDUCTEUR

Publication
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Abstract (en)
[origin: WO2010022750A1] The invention relates to a tap switch for uninterrupted changeover between two winding taps (tap n, tap n+1) of a tapped transformer, wherein each of the two winding taps is connected to the common outgoing load line via in each case a mechanical switch (Ds) and a series circuit which is arranged in series therewith and which is composed of two oppositely connected IGBTs (Ip, In). According to the invention, each IGBT is bridged by in each case a specially dimensioned varistor (Vp, Vn) connected in parallel therewith.

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