

Title (en)

TAP CHANGE DEVICE WITH SOLID STATE SWITCHING

Title (de)

STUFENSCHALTER MIT HALBLEITER-SCHALTELEMENTEN

Title (fr)

SÉLECTEUR EN CHARGE À COMMUTATION AVEC ÉLÉMENTS SEMI-CONDUCTEURS

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Application

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Abstract (en)

[origin: CA2758035A1] The invention relates to an on-load tap changer comprising semiconductor switching elements for uninterrupted switching between fixed tap changer contacts which are electrically connected to winding taps of a tapped transformer. Each of the fixed tap changer contacts can be connected to a charge diverter either directly or, during switching, via the semiconductor switching elements that are connected therebetween. According to the invention, the charge diverter has fixed, divided diverting contact pieces in order for the semiconductor switching elements to be electrically isolated from the transformer winding during stationary operation.

IPC 8 full level

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