

Title (en)  
METHOD AND DEVICE FOR REGULATION OF ELECTRICAL VOLTAGE

Title (de)  
VERFAHREN UND EINRICHTUNG ZUR REGELUNG DER ELEKTRISCHEN SPANNUNG

Title (fr)  
PROCEDE ET DISPOSITIF DE REGULATION DE LA TENSION ELECTRIQUE

Publication  
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Application  
**EP 02792562 A 20021119**

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Abstract (en)  
[origin: WO03044611A2] The invention relates to a method and device for regulation of the electrical voltage in electrical mains networks and/or user plants with a regulating transformer. Said regulating transformer (3) is inserted in the path of the energy flux between at least one generator (1) and at least one end user (2) with a switch (7) for switching the partial windings (4) of the regulating transformer (3). The regulating transformer (3) further comprises a high leakage impedance which limits the circulating current to the order of magnitude of the nominal current in the case of a short circuit in adjacent tapplings (5) of the partial windings (4). The regulating transformer (3) is embodied as a single winding transformer, for example an autotransformer or as a multiple winding transformer, for example, a full transformer.

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**G05F 1/10**

IPC 8 full level  
**G05F 1/20** (2006.01)

CPC (source: EP US)  
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