Title (en)

METHOD OF REGULATING THE ELECTRICAL VOLTAGE AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUR REGELUNG DER ELEKTRISCHEN SPANNUNG SOWIE EINRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE REGULATION DE LA TENSION ELECTRIQUE ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE

Publication

EP 1226479 A1 20020731 (DE)

Application

EP 00971113 A 20001031

Priority

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Abstract (en)

[origin: WO0133308A1] The invention relates to a method for regulating the electrical voltage in electrical supply networks and/or consumer units and a device for carrying out said method. A regulating transformer (3) is inserted between a network node (1) in the supply network and/or the consumer unit and at least one end user (2). The regulating transformer (3) comprises a high leakage impedance, which limits the ring current to the order of magnitude of the nominal current, in the case of a short-circuit between adjacent tappings (5) of the partial windings. The regulating transformer further comprises a transfer switch (7), to switch the partial windings (4).

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G05F 1/20; H02H 7/055

IPC 8 full level

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