

Title (en)

METHOD FOR OPERATING A SWITCH WITH A CONNECTABLE CURRENT LIMITER AND CORRESPONDING ARRANGEMENT

Title (de)

VERFAHREN ZUM BETREIBEN EINES SCHALTGERÄTES MIT EINEM ZUSCHALTBAREN STROMBEGRENZER UND ZUGEHÖRIGE ANORDNUNG

Title (fr)

PROCEDE POUR FAIRE FONCTIONNER UN COMMUTATEUR PRESENTANT UN LIMITEUR DE COURANT QUI PEUT ETRE RACCORDE ET DISPOSITIF ASSOCIE

Publication

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Application

EP 02761863 A 20020404

Priority

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Abstract (en)

[origin: WO02084688A1] Methods for operating a power switch with at least one main current path and associated secondary current path with an arc extinguisher are known from the art. A current limiter can be used which switches from non-current limiting operation to the current limiting operation at high current loads. The invention is characterized by measures for returning the current limiter during the transition from the current limiting operation to the non-current limiting operation. Specifically power switches are provided with measures for preventing a recombination of the arc from the secondary current path to the main current path and/or measures for returning the current limiter during the recombination of the light art. A corresponding arrangement for carrying out the inventive method is provided with means (30 to 50) in the power switch (20) and/or current limiter (1) for preventing a switch failure of the current limiter (1) disposed in the secondary current path of the power switch (20). The current limiter can be especially a PTC current limiter (1).

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