

Title (en)

CONTROL UNIT FOR PERSONAL PROTECTION

Title (de)

STEUERGERÄT FÜR DEN PERSONENSCHUTZ

Title (fr)

APPAREIL DE COMMANDE POUR LA PROTECTION DES PERSONNES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007003469A2] The invention relates to a control unit (10) for personal protection. The control unit (10) for personal protection comprises a reversed polarity safeguard (13) between an external battery voltage (UB) and an internal voltage (VZP) in order to prevent a power discharge from the control unit (10). The control unit (10) also comprises a bi-directional dc-to-dc converter (12a, 12b) between a power reserve (CER) and the internal voltage (VZP). The dc-to-dc converter (12a, 12b) determines its direction of conversion according to the internal voltage (VZP). The control unit (10) is configured in such a manner that the control unit (10) records at least one measured value (VER) after a switching off process and, according to this measured value, generates a signal that characterizes a stand-alone behavior of the control unit (10).

IPC 8 full level

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