Title (en)

CIRCUIT ARRANGEMENT FOR PREVENTING DEEP DISCHARGE OF A BATTERY

Title (de)

SCHALTUNGSANORDNUNG ZUR VERHINDERUNG DER TIEFENTLADUNG EINER BATTERIE

Title (fr)

AGENCEMENT DE CIRCUIT DESTINE A PREVENIR LA DECHARGE COMPLETE D'UNE PILE

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Application

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Abstract (en)

[origin: WO9836483A1] The present invention relates to a printed circuit board arrangement comprising a printed circuit board (1) provided with connectors (3, 49) for connecting the printed circuit board to a battery (5, 6), an interrupt circuit (2) comprising a first (15) and a second (16) input and output (14) connected to said connectors (3, 4), and a power supply module (17, 18) comprising a first (7) and a second (10) input connected to said connectors (3, 4), means for producing operating voltage (Uout) from battery voltage, and an interrupt input (9) for interrupting the feed of the operating voltage (Uout) in response to an interrupt signal. To allow the use of the same interrupt circuit at several different battery voltages, the power supply module (17, 18) comprises a control output (8) connected to the control input (9) of the interrupt circuit (2) for feeding a control signal to the interrupt circuit (2), said control signal indicating to the interrupt circuit (2) the voltage level at which the interrupt circuit (2) feeds the interrupt signal to the power supply module (16, 17).

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