

Title (en)

BATTERY SYSTEM AND METHOD FOR CHARGING A LARGE NUMBER OF BATTERY CELLS WHICH ARE CONNECTED IN SERIES

Title (de)

BATTERIESYSTEM SOWIE VERFAHREN ZUR LADUNG EINER VIELZAHL VON IN REIHE GESCHALTETEN BATTERIEZELLEN

Title (fr)

SYSTÈME DE BATTERIE AINSI QUE PROCÉDÉ POUR CHARGER UNE PLURALITÉ DE CELLULES DE BATTERIE CONNECTÉES EN SÉRIE

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Application

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Abstract (en)

[origin: WO2012016736A2] The invention describes a battery system (100) having a large number of battery cells (10) which are connected in series, in which battery system at least one of the large number of battery cells (10) is connected in parallel with an electrical component (12), the resistance of this electrical component being reduced when a voltage which is applied to the electrical component (12) and to the battery cell (10) exceeds a predetermined voltage threshold value (UBR). The invention also describes a method for charging a large number of battery cells (10) which are connected in series, which method can be executed using the battery system (100) according to the invention.

IPC 8 full level

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