

Title (en)
BATTERY SYSTEM COMPRISING AN EXTERNAL ELECTRIC CIRCUIT

Title (de)
BATTERIESYSTEM MIT EXTERNEM STROMKREIS

Title (fr)
SYSTÈME DE BATTERIE AVEC CIRCUIT DE COURANT EXTÉRIEUR

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Application
EP 10706206 A 20100225

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Abstract (en)
[origin: WO2010115658A1] The invention relates to a battery system, comprising: a) a battery having one or more cells; b) a measuring and control unit which continuously or periodically determines the temperatures and/or the voltages of individual, several or all battery cells; c) an external electric circuit which can be connected to the poles of the battery via one or more switches in an electrically conductive manner, so that current can flow from a battery pole via the external electric circuit to the other battery pole; wherein the control unit controls the position of the switch or switches such that the external electric circuit is connected to the battery poles in a conductive manner if a predetermined thermal output is exceeded and/or if a predetermined voltage drop rate is exceeded.

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