

Title (en)
INTELLIGENT SECURITY CONNECTION DEVICE

Title (de)
INTELLIGENTE SICHERHEITS-ANSCHLUSSVORRICHTUNG

Title (fr)
DISPOSITIF DE CONNEXION DE SECURITE INTELLIGENT

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Application
EP 05785629 A 20050829

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Abstract (en)
[origin: WO2006045366A1] The invention relates to a connection device (10) for a battery, especially a vehicle battery, used for the electrical connection of a battery pole to at least one electrical conductor (13). Said device comprises at least one measuring resistance (14) provided in at least one outgoing electrical conductor (13), for detecting the current passing through the conductor, the measuring resistance (14) itself being integrated into the connection device (10) as a single component; at least one electrical switch (15), by which means the outgoing electrical conductor (13) can be temporarily contacted such that the current flow in the conductor (13) can be switched on or off, the electrical switch (15) being also integrated into the connection device (10); and an electrical module (16) which is electrically connected to at least one measuring resistance (14) and the at least one switch (15). Information from an external unit (17) and/or information pertaining to the connection device, which is generated only inside the connection device (10), is used to control the at least one electrical switch (15).

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