

Title (en)

BATTERY-OPERATED ELECTRICAL APPLIANCE, BATTERY, AND ELECTRICAL APPLIANCE

Title (de)

BATTERIEBETRIEBENES ELEKTROGERÄT, BATTERIE UND ELEKTROGERÄT

Title (fr)

APPAREIL ÉLECTRIQUE FONCTIONNANT SUR BATTERIE, BATTERIE ET APPAREIL ÉLECTRIQUE

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Application

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Priority

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Abstract (en)

[origin: WO2023012336A1] The invention relates to a battery-operated electrical appliance, in particular in the form of a cleaning device, a gardening tool or a power tool, which electrical appliance comprises at least one electrical load and can be operated independently of the mains supply using a battery, wherein: a battery receptacle for receiving a battery is located or formed on the electrical appliance; the electrical appliance comprises a securing device for securing the battery in a connection position in which the battery is received in the battery receptacle and is operatively connected to the electrical appliance in a mechanical and/or electrical manner; and the securing device comprises a securing element which is positioned substantially outside of the battery receptacle in a release position in order to enable a movement of the battery into the battery receptacle and back out of said receptacle, and which securing element protrudes into the battery receptacle in a securing position in order to interact with a securing-element receptacle of the battery and to secure the battery in the connection position within the battery receptacle; characterized in that the securing device has no lever and is designed in such a way that the securing element is movable from the securing position out of the battery receptacle and into the release position only when interacting with the battery and when the battery moves. The invention also relates to a battery and to an electrical appliance.

IPC 8 full level

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