Claims

1. A locking device for doors, compartments and flaps, comprising a stator (40) and a rotor (30) which is rotatably mounted in the stator (40) and is connected directly or indirectly to a locking element,

a battery-operated motor and an electronic control unit acting on the motor being present in the stator,

a handle (20) in the form of a rotary knob which is connected to the rotor (30) in a torque-transmitting manner,

characterized in that,

the handle (20) is held on the rotor (30) by means of a clamping spring (50),

the clamping spring (50) has a receptacle for a magnet (60),

in order to replace the battery for the motor, the clamping connection between the handle (20) and the rotor (30) can be released by external action on the magnet (60) and

the clamping spring (50) is formed from a strip which forms a spring bar with a central clamping portion (54, 55), this spring bar at the lower end forming a holding arm (52) with a U-shaped receiving space (51) for the magnet (60), this spring bar being bent at the upper end to form a hook (57).

2. The locking device according to claim 1, characterized in that when there is a clamping connection between the handle (20) and the rotor (30), the hook (57) engages in a slot (32) on the rotor (30), the slot (32) being dimensioned so large that the hook (57) can move within the slot when the handle (20) is removed.

3. The locking device according to claim 1, characterized in that when there is a clamping connection between the handle (20) and the rotor (30), the holding arm (52) with the magnet (60) engages in a recess (31) on the rotor (30), wherein the recess (31) is dimensioned so large that the holding arm (52) can move inwards and/or downwards when the magnet (60) is acted upon.

4. The locking device according to Claim 1, characterized in that the central clamping section (54, 55) consists of a horizontal bar section (54) and an angled bar section (55), which form a nose directed outwards from the rotor (30), with the angled bar section (55) extending over at least half the length of the spring bar.

5. The locking device according to claim 4, characterized in that there is a punched-out portion (58) in the angled bar section (55), whereby a support web (59) is formed, which is aligned vertically and is supported on the vertically formed wall (33) of the rotor (30).

6. The locking device according to one of Claims 1 to 5, characterized in that the handle (20) is a cap which consists of a cylinder which is closed on one side, the cylinder jacket (21) and the closed upper side (24) enclosing the rotor (30) and cover the stator (40).

7. The locking device according to claim 6, characterized in that the handle (20) has projections (22, 23) on the inside of the cylinder jacket (21), the first projection (22) being arranged such that it is located in front of the recess (31) on the rotor (30) when there is an existing clamping connection between handle (20) and rotor (30).

8. The locking device according to claim 7, characterized in that the second projection (23) is arranged above the first projection (22) and when there is a clamped connection between the handle (20) and the rotor (30), is located immediately below the outwardly directed nose, which is formed from the horizontal web section (54) and the angled bar section (55).

9. The locking device according to claim 8, characterized in that when the handle (20) is mounted, the second projection (23) can slide along the inclined web section (55) into its clamping position.

10. The locking device according to one of claims 1 to 9, characterized in that the handle (20) has a surface structuring (26) on the outside of the cylinder jacket (21).

11. The locking device according to one of claims 1 to 10, characterized in that the handle (20) has a marking on the outside of the cylinder jacket (21) and/or on the top (24) to facilitate the disassembly, namely for facilitating the positioning of an outer magnet (83), which can act on the magnet (60) held in the clamping spring (50).