Title (en)
PROCESS AND DEVICE FOR CONTROLLING THE CLOSURE OF LOCKS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR SCHLIESSKONTROLLE VON SCHLÖSSERN

Title (fr)
PROCEDE ET DISPOSITIF POUR CONTROLER L'ETAT DE FERMETURE DE VERROUS

Publication
EP 1012430 B1 20021023 (DE)

Application
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Abstract (en)
[origin: US6255957B1] A process reliably detects the change of the locking state of at least one lock with a logic with memory and display attached to a key. The process includes determining a rotation of the key associated with the lock within the lock, detecting a single or multiple rotation in unlocking or locking direction of the lock and simultaneously determining whether the detected rotation occurs in unlocking or locking direction of the lock. A signal is generated that indicates the unlocking or locking of the lock. This signal is stored in the memory of the logic, and the signal is displayed. A device for implementing the process includes one or several markers mounted near the lock, one or several sensors non-rotatably connected with the key for detecting these markers, a logic attachable to the key with a memory in which data can be stored whereby the logic can process the signals received from the sensors, and a display for displaying the locking state.

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