

Title (en)

DEVICE FOR DETECTING AND INDICATING A DOOR LOCK STATUS

Title (de)

VORRICHTUNG ZUM ERKENNEN UND ANZEIGEN EINES TÜRSCHLOSSSTATUS

Title (fr)

DISPOSITIF DE DÉTECTION ET D'INDICATION DE L'ÉTAT D'UNE SERRURE DE PORTE

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Application

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Abstract (en)

[origin: WO2019130136A1] The invention refers to a device for detecting and indicating a door lock status that enables detecting a side of the door, from which the door was locked. The device of the invention comprises a housing that can be fastened to a key (3) head by means of a fastening means, and an electronic unit arranged within the housing and further comprising a printed circuit board (5), at least one LED, a motion sensor, a magnetic field density sensor, a microcontroller, a battery (10), and a push button (11). The device can further comprise a permanent magnet that can be fastened to a lock by means of a fastening means. An advantage of the device of the invention over known devices lies in the fact that it correctly detects a change in the door lock status regardless of the side, from which the lock was locked/unlocked.

IPC 8 full level

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