

Title (en)

SENSOR DEVICE HAVING ROTATIONAL DIRECTION DETECTION

Title (de)

SENSORVORRICHTUNG MIT DREHRICHTUNGSERFASSUNG

Title (fr)

DISPOSITIF CAPTEUR PRÉSENTANT ENREGISTREMENT DU SENS DE ROTATION

Publication

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Application

EP 11769776 A 20110926

Priority

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Abstract (en)

[origin: WO2012041471A1] A sensor device according to the invention is equipped to be used in a rotary knob (120) of a knob cylinder (100). The sensor device has at least one pair of sensors (125) and a counter-element (113). Said counter-element (113) and the at least one pair of sensors (125) are disposed so as to be movable relative to one another along a circular movement path. The counter-element (113) and the sensors (125) are located opposite one another in such a way that the detection regions (126) of the sensors (125) enclose a respective sub-region of the movement path and partially overlap one another in the region of the movement path. The movement path extends partially outside the detection regions (126) of the at least one pair of sensors (125). A rotary knob (120) according to the invention is disposed so as to be freely rotatable relative to a lock bit (111) of a profiled cylinder (110) and can be activated in such a way that, for the time of activation, the rotary knob (120) energizes an actuator which is rotationally operatively connected to the lock bit (111) in such a way that said actuator rotates the lock bit in a predetermined direction. The rotary knob (120) comprises a reader (121) which is designed to read data of a code card. Furthermore, the rotary knob (120) comprises the aforementioned sensor device.

IPC 8 full level

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