

Title (en)

Lock, in particular lock cylinder with a device for communication with a transponder and communication device

Title (de)

Schloss, insbesondere Schließzylinder mit einer Einrichtung zur Kommunikation mit einem Transponder und Kommunikationseinrichtung

Title (fr)

Verrou, notamment cylindre de fermeture doté d'un dispositif de communication avec un transporteur et une installation de communication

Publication

EP 2169636 B1 20120418 (DE)

Application

EP 09168547 A 20090825

Priority

DE 102008037376 A 20080922

Abstract (en)

[origin: EP2169636A1] The mechanism has a transmission-reception device (2) for sending an activation signal (14) i.e. electromagnetic alternating field, at an operating frequency of a transponder (5) and for receiving a data signal (15) that is sent back from the transponder. An antenna (3) and a sensor antenna (7) are assigned to the transmission-reception device and an inductive sensor circuit (6), respectively. The antennas form a magnetically coupled, galvanically decoupled coil system. The sensor antenna is operated at a frequency corresponding to the operating frequency of the antenna. An independent claim is also included for a lock i.e. lock cylinder, including an actuation member.

IPC 8 full level

G07C 9/00 (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP)

E05B 47/0611 (2013.01); **G07C 9/00309** (2013.01); **G07C 9/00904** (2013.01); **G07C 2009/00777** (2013.01)

Cited by

DE102014118216A1; US10553055B2; WO2018001417A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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