

Title (en)

LOCK CYLINDER AND LOCKING METHOD

Title (de)

SCHLIESSZYLINDER UND SCHLIESSVERFAHREN

Title (fr)

CYLINDRE DE FERMETURE ET PROCEDE DE FERMETURE

Publication

EP 1723614 A1 20061122 (DE)

Application

EP 05715715 A 20050304

Priority

- EP 2005002272 W 20050304
- DE 102004013061 A 20040312
- DE 102004041518 A 20040824

Abstract (en)

[origin: WO2005088559A1] A lock cylinder (20) is disclosed, for assembly in a lock, comprising a locking body (28), for operating a locking bolt or similar, an operating body (24; 40), preferably a knob, whereby the operating body (24; 40) is not normally coupled to the locking body (28) and a coupling (34), for connection of the locking body to the operating body (24; 40), after receipt of an identification code from a corresponding transponder (22). An electromechanical converter (44) is provided for the operating body (24; 40), which converts an operation (30) of the operating body (24; 40) into electrical energy which is used for wireless communication (32) to the transponder and/or, on receipt of a valid identification signal, for support of the connection of the coupling (34).

IPC 8 full level

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

CPC (source: EP US)

E05B 47/0615 (2013.01 - EP US); **E05B 47/0638** (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **E05B 2047/0062** (2013.01 - EP US); **G07C 2009/00634** (2013.01 - EP US); **Y10T 70/7062** (2015.04 - EP US); **Y10T 70/7079** (2015.04 - EP US); **Y10T 70/7136** (2015.04 - EP US)

Citation (search report)

See references of WO 2005088559A1

Cited by

AT515703A5; AT515703B1; EP4257785A1; EP4239148A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005088559 A1 20050922; EP 1723614 A1 20061122; EP 1723614 B1 20120104; US 2007115094 A1 20070524; US 8456277 B2 20130604

DOCDB simple family (application)

EP 2005002272 W 20050304; EP 05715715 A 20050304; US 51853806 A 20060908