

Title (en)
Key for a lock cylinder and locking system

Title (de)
Schlüssel für einen Schliesszylinder und Schliessanlage

Title (fr)
Clé pour un cylindre de serrure et système de fermeture

Publication
EP 1429295 B1 20100818 (DE)

Application
EP 03103875 A 20031021

Priority
DE 10258230 A 20021213

Abstract (en)
[origin: EP1429295A2] The key (6) has a shaft (7) with a transponder (12) and an interference transponder (13). If the key is inserted into the lock channel (5) of the cylinder, the transponder (12) reaches a position directly opposite a code receiver (16) of the cylinder, so that signals can be polled from the transponder, without interference from the interference transponder. If signals are polled using a receiver station outside the lock cylinder, the transponder (12) and the interference transponder (13) produce respective signals, and the signal from the transponder (12) cannot be filtered out, or at least not easily. An Independent claim is included for a locking system.

IPC 8 full level
G07C 9/00 (2006.01)

CPC (source: EP)
G07C 9/00309 (2013.01); **G07C 2009/00555** (2013.01); **G07C 2009/00777** (2013.01)

Cited by
FR3054510A1; US10431028B2; WO2018020135A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1429295 A2 20040616; EP 1429295 A3 20051012; EP 1429295 B1 20100818; AT E478402 T1 20100915; DE 10258230 A1 20040624; DE 50312998 D1 20100930; ES 2348379 T3 20101203

DOCDB simple family (application)
EP 03103875 A 20031021; AT 03103875 T 20031021; DE 10258230 A 20021213; DE 50312998 T 20031021; ES 03103875 T 20031021