

Title (en)
FREE-RUNNING LOCKING CYLINDER

Title (de)
FREILAUFSCHLIESSZYLINDER

Title (fr)
SERRURE CYLINDRIQUE A ROUE LIBRE

Publication
EP 1994242 B1 20091007 (DE)

Application
EP 07712516 A 20070313

Priority
• EP 2007052348 W 20070313
• DE 102006011612 A 20060314

Abstract (en)
[origin: WO2007104759A1] The invention relates to a locking cylinder having a cylinder housing (1), having a cylinder core (2) mounted therein, having a locking member (3) and having a coupling piece (4), which is rotationally fixed with respect to the locking member (3) and is rotatable with respect to the cylinder core (2), with a coupling slot (7) for the insertion of the tip (6) of a key which is inserted into a key channel (8) of the cylinder core (2). In order to improve a generic lock in terms of security, a blocking element (9) is proposed which can be placed into a form-fitting connection with respect to the cylinder core (2) by the key tip (6) as it enters into the coupling slot (7).

IPC 8 full level
E05B 9/10 (2006.01)

CPC (source: EP)
E05B 9/105 (2013.01)

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 LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007104759 A1 20070920; WO 2007104759 B1 20071108; AT E445061 T1 20091015; DE 102006011612 A1 20070927;
DE 502007001683 D1 20091119; EP 1994242 A1 20081126; EP 1994242 B1 20091007; ES 2331816 T3 20100115; PT 1994242 E 20091028

DOCDB simple family (application)
EP 2007052348 W 20070313; AT 07712516 T 20070313; DE 102006011612 A 20060314; DE 502007001683 T 20070313;
EP 07712516 A 20070313; ES 07712516 T 20070313; PT 07712516 T 20070313