

Title (en)
TWIST LOCK CYLINDER

Title (de)
DREHSCHLIESSZYLINDER

Title (fr)
CYLINDRE DE SERRURE ROTATIF

Publication
EP 2681386 A2 20140108 (DE)

Application
EP 12703427 A 20120206

Priority
• CH 3542011 A 20110301
• CH 2012000030 W 20120206

Abstract (en)
[origin: WO2012116455A2] The twist lock cylinder has a cylinder housing (2), a cylinder core (3), and tumblers (4), each of which includes a core pin (6) and a housing pin (5). The tumblers (4) are guided within bores (7, 8, 14) of the cylinder housing (2) and of the cylinder core (3) and can be put in place by a key (13) that is inserted into a keyway (9). On its outer face (10), the cylinder core (3) has at least one insert (11) that forms a segment of the cylinder core (3) from a cross-sectional perspective. The insert (11) is made of a material that is significantly harder than brass. Preferably, the insert (11) is floatingly mounted. The cylinder core (3) cannot be twisted by an unauthorized key (13) even when the cylinder core (3) is negatively locked by only one incremental step.

IPC 8 full level
E05B 27/00 (2006.01)

CPC (source: EP)
E05B 27/001 (2013.01); **E05B 27/0064** (2013.01)

Citation (search report)
See references of WO 2012116455A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012116455 A2 20120907; **WO 2012116455 A3 20130117**; CH 704610 A1 20120914; EP 2681386 A2 20140108

DOCDB simple family (application)
CH 2012000030 W 20120206; CH 3542011 A 20110301; EP 12703427 A 20120206