

Title (en)
CYLINDER LOCK

Title (de)
ZYLINDERSCHLOSS

Title (fr)
SERRURE À CYLINDRE

Publication
EP 3159465 B1 20200624 (EN)

Application
EP 15191341 A 20151023

Priority
EP 15191341 A 20151023

Abstract (en)
[origin: EP3159465A1] A cylinder lock 10 with a first and a second lock housing 12, 16, at least one lock cylinder, a carrier 20 which is provided with a carrier cam 22 and which is received between the first and the second lock housing 12, 16 and which through rotation of the lock cylinder can be brought from a first position into a second position. The cylinder lock 10 is further provided with a bridge 26, which connects the first lock housing 12 with the second lock housing 16. To prevent sabotage whereby the connection between the bridge 26 and the lock housing 12 is broken by drilling, the cylinder lock 10 is provided with a drill protection which is implemented as a ball 28 from hardened steel, while the bridge 26 near an axial end thereof is provided with a chamber 32 in which the ball 28 is received. Further, there is described a new lock pin 200 for making lock picking more difficult.

IPC 8 full level
E05B 27/00 (2006.01); **E05B 9/04** (2006.01); **E05B 15/16** (2006.01)

CPC (source: EP)
E05B 9/045 (2013.01); **E05B 15/1614** (2013.01); **E05B 27/0021** (2013.01); **E05B 27/0057** (2013.01); **E05B 27/0071** (2013.01)

Cited by
NL2031857B1; CN112796576A; WO2023219509A1

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)
EP 3159465 A1 20170426; **EP 3159465 B1 20200624**; ES 2811901 T3 20210315; ES 2811901 T8 20210323

DOCDB simple family (application)
EP 15191341 A 20151023; ES 15191341 T 20151023