

Title (en)  
LOCK MECHANISM

Title (de)  
VERRIEGELUNGSMECHANISMUS

Title (fr)  
MÉCANISME DE SERRURE

Publication  
**EP 2494129 B1 20191002 (EN)**

Application  
**EP 10773388 A 20101025**

Priority  
• GB 0918742 A 20091026  
• GB 2010051787 W 20101025

Abstract (en)  
[origin: WO2011051703A2] An improved security lock mechanism (100, 200, 400) is provided utilising a blocking member (192) to protect a cam lever (174). Furthermore, a lock barrel (116, 416) is engaged to a first lock actuator housing (114, 414) via a pin instead of a circlip. In addition, a cam(106) is provided whose shaft (172) extends from a lock housing (10). A cam (216) is provided with a radially extending member (302) to bear against the surface of a lock casing (10). A thumb turn bolt (300) is provided which can be actuated upon axial movement. A cam (406) can be axially retained against a lock barrel (416) upon actuation of a clutch to a security position.

IPC 8 full level  
**E05B 9/10** (2006.01); **E05B 9/04** (2006.01); **E05B 17/20** (2006.01)

CPC (source: CN EP)  
**E05B 9/042** (2013.01 - CN EP); **E05B 9/10** (2013.01 - CN EP); **E05B 17/0062** (2013.01 - CN EP); **E05B 17/2092** (2013.01 - CN EP)

Cited by  
RU2630571C2; EP4365389A1; WO2014176647A1

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 2011051703 A2 20110505; WO 2011051703 A3 20111006**; CN 102971469 A 20130313; CN 102971469 B 20160120;  
CN 105649408 A 20160608; CN 105649408 B 20190409; EP 2494129 A2 20120905; EP 2494129 B1 20191002; ES 2763209 T3 20200527;  
GB 0918742 D0 20091209; RU 2012120605 A 20131210; RU 2551273 C2 20150520; TW 201135040 A 20111016; TW I510701 B 20151201

DOCDB simple family (application)  
**GB 2010051787 W 20101025**; CN 201080058959 A 20101025; CN 201610008617 A 20101025; EP 10773388 A 20101025;  
ES 10773388 T 20101025; GB 0918742 A 20091026; RU 2012120605 A 20101025; TW 99136302 A 20101025