

Title (en)

Motorcycle lock with multi-stage locking and unlocking

Title (de)

Motorradschloss mit mehrstufiger Verriegelung bzw. Entriegelung

Title (fr)

Serrure pour motocyclettes à verrouillage/déverrouillage à plusieurs étapes

Publication

**EP 1536091 A1 20050601 (EN)**

Application

**EP 03027409 A 20031127**

Priority

EP 03027409 A 20031127

Abstract (en)

A multi-stage motorcycle lock includes a locking seat 2, a guide rod 3, a combination lock 4 with numbers thereon, a retaining seat 5, a stopper 6, a protecting sleeve 7, a telescopic rod 8, a stud lock rod 9, etc. Each of plurality of eccentric holes 411, 421, 431, 441, 451 of the combination lock 4 is formed with a confining ring 410, 420, 430, 440, 450, and the locking means 80 of the telescopic rod 8 is eccentric. The eccentric design causes that the lock only has only correct number. The eccentric holes 411, 421, 431, 441, 451 are rotated through 180 degrees, the locking means 80 of the telescopic rod 8 is stopped by the confining rings 410, 420, 430, 440, 450 of the combination lock 4 so that the telescopic rod 8 can not protrude out or reduce inwards. Thereby, the effect of burglar-proof is achieved. There are two locking stages so as to have a preferred burglar-proof is achieved. The locking and unlocking of the present invention are not performed by using any key. Thus the operation is convenient. <IMAGE>

IPC 1-7

**E05B 67/10**; **E05B 37/02**

IPC 8 full level

**E05B 37/02** (2006.01)

CPC (source: EP)

**E05B 37/025** (2013.01)

Citation (search report)

- [A] US 2003066319 A1 20030410 - HUANG FU-CHUAN [TW]
- [A] US 5924313 A 19990720 - KUO LAMBERT [TW]
- [A] US 5791169 A 19980811 - KUO LAMBERT [TW]

Cited by

EP2019178A3; CN106618930A

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 1536091 A1 20050601**

DOCDB simple family (application)

**EP 03027409 A 20031127**