

Title (en)
LOCKING CYLINDER

Title (de)
SCHLIESSZYLINDER

Title (fr)
SERRURE CYLINDRIQUE

Publication
EP 2287424 A2 20110223 (DE)

Application
EP 10171677 A 20100803

Priority
DE 102009028599 A 20090817

Abstract (en)
The cylinder (1), has a core (3) moved in a housing (2), and a locking mechanism (9) including a locking bolt (12) for blocking or decontrolling motion of the core. An electrical driving device moves or decontrols the motion of the core between a blocking position of the core opposite to the housing and another decontrolling position of the motion of the core. A blocking element (13) is retained in the decontrolling position of the motion of the core opposite to the housing and moved in the blocking position during introduction of vibration in the motion of the core.

Abstract (de)
Ein Schließzylinder (1) mit einem in einem Gehäuse (2) beweglichen Kern (3) und einem elektronischen Sperrmechanismus (9) hat ein Blockierelement (13), welches bei der Einleitung von Vibrationen in eine die Bewegung des Kerns (3) blockierende Stellung gelangt. Im Grundzustand ist das Blockierelement (13) kraftschlüssig in einer die Bewegung des Kerns (3) freigebenden Stellung gehalten. Hierdurch wird die denkbare Möglichkeit einer Manipulation des Schließzylinders (1) durch Einleitung von Vibrationen verhindert.

IPC 8 full level
E05B 17/20 (2006.01); **E05B 9/04** (2006.01); **E05B 27/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 47/063 (2013.01); **E05B 2047/0093** (2013.01)

Citation (applicant)
• EP 1148189 A1 20011024 - WINKHAUS FA AUGUST [DE]
• EP 1380714 A2 20040114 - WINKHAUS FA AUGUST [DE]
• EP 1516983 B1 20060621 - WINKHAUS FA AUGUST [DE]

Cited by
EP3929378A1; CN105545095A; US2023058299A1; CN108620628A; EP2674553A1; GB2580438A; GB2580438B; DE102021132862A1; FR3111933A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2287424 A2 20110223; **EP 2287424 A3 20150429**; **EP 2287424 B1 20181017**; DE 102009028599 A1 20110224; ES 2695035 T3 20181228

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