

Title (en)

KEYLESS COMBINATION LOCK WITH CODED DIALS AND BOLT DOGGING MEANS

Publication

EP 0263737 B1 19900801 (FR)

Application

EP 87402114 A 19870922

Priority

FR 8613236 A 19860922

Abstract (en)

[origin: EP0263737A1] 1. Without-key device allowing the opening and the closing of a pivoting, sliding or weighing door in which a case (4a) containing a mechanism owning codified buttons (1), a grip or button (15) acting on the bolt (7) by intermediate of a bar, an engraved ahead plate (19) letting to pass through the door, the grip (15) and codified buttons around which a mark exists to set the button on its code turning it, characterized in what on the outside of the door this device is composed of following elements : codified buttons (1) own an uncorking hole and one-eyed holes, these holes being disposed to an equal distance from the rotation axle of the codified button considered the angular position of the uncorking hole in comparison with the mark of the button (zone A) determining the code of this last, a female curtain-string (2) removed axially and perpendicular at the door plan is put on the door outside face and situated in the center of codified buttons, so that axles of codified buttons are situated on a circle which has for center the axle of the curtain string, this curtain-string owning coupling bolts (3) which each of them can enter either in the one-eyed hole or in the uncorking hole of every codified button, according to the angular position of these last, and in what on the other door face (inside) the device is composed either of an inside codified system which possesses a male inside curtain string (6) which extremity puts itself when it is necessary in the scooping out of the female curtain string (2), the both codified systems inside and outside being the same, or a finger (12) removed axially and perpendicular at the door plan by an inside screw-nut system (or other), this finger being normally put in the scooping out of the female curtain-string (2) this goes through the bolt (10) and opposing itself at the bolt removal till this finger (12) or the inside curtain-string (6) grapples with the outside curtain-string (2), the grip or the shaft button (15) of the bolt being free when the extremity of the inside curtain-string or the finger (12) no longer grapples more with the outside curtain-string scooping out (2), what it produces when coupling bolts enter in the uncorking holes of codified buttons because of the well-positionment of the codified buttons.

IPC 1-7

E05B 37/12

IPC 8 full level

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CPC (source: EP)

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Cited by

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