

Title (en)

Safety device for a lock, and lock equipped therewith.

Title (de)

Sicherheitsschloss.

Title (fr)

Dispositif perfectionné de sûreté pour serrure et serrure équipée de ce dispositif.

Publication

EP 0227505 A1 19870701 (FR)

Application

EP 86402449 A 19861031

Priority

- FR 8516592 A 19851108
- FR 8516593 A 19851108

Abstract (en)

1. Improved lock safety device comprising a cylinder (1) mounted rotating in a body (2) and containing a plurality of small bars , rods or the like (3a - 3e) liable to slide along a direction orthogonal to the axis (X - X') of cylinder (1), each of these small bars having a finger (4a - 4e) cooperating with a groove (8a - 8e) provided on both faces of the bit (6) of a key (7), so that when this key is inserted into cylinder (1), the said small bars can be operated according to the shape of the groove in order to unlock the cylinder (1) of the body (2) and, through the action of the key (7), allow the cylinder to rotate in this body for the purpose of controlling a locking and unlocking element, characterized in that, when the key is not inserted into the cylinder, the vertical shift of fingers (4a - 4e) from one small bar to the next is such that the whole of the fingers between the two ends of cylinder (1) extends at least approximately along a line slanting in either direction with relation to axis (X - X') of cylinder (1), so that the said fingers can cooperate with about as many grooves (8a - 8e) opening onto at least one of the edges of the bit (6) of the key as there are fingers to be operated, thus providing in particular this device with an increased multiplicity of combinations.

Abstract (fr)

La présente invention concerne un dispositif de sûreté pour serrure. Ce dispositif comprend un cylindre (1) monté rotatif dans un corps (2) et contenant une pluralité de barrettes coulissantes (3a à 3e) portant chacune un doigt (4a à 4e), le décalage vertical de ces doigts étant tel que les doigts (4a, à 4e) s'étendent suivant approximativement une ligne inclinée par rapport à l'axe (X-X') du cylindre (1), de façon que ces doigts puissent coopérer avec autant de rainures ménagées sur les deux faces du panneton d'une clé. Ce dispositif peut être associé à une serrure de type quelconque.

IPC 1-7

E05B 19/00; **E05B 29/00**

IPC 8 full level

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CPC (source: EP)

E05B 19/0035 (2013.01); **E05B 29/00** (2013.01); **E05B 27/0042** (2013.01); **E05B 27/0078** (2013.01)

Citation (search report)

- [AD] EP 0008310 A1 19800305 - BERCHTOLD AG [CH]
- [AD] US 3264852 A 19660809 - FRITZ GYSIN

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GB2266918B; WO0114667A1

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