

Title (en)

Protection latch for mortise cylindrical lock.

Title (de)

Sicherheitsabdeckung für Einsteckzylinderschloss.

Title (fr)

Verrou de sécurité pour serrure cylindrique.

Publication

EP 0530979 A1 19930310 (EN)

Application

EP 92307102 A 19920804

Priority

- IL 9936191 A 19910901
- IL 10177592 A 19920504

Abstract (en)

A protection latch mechanism for mortise cylindrical locks, comprising a supporting screw (14), secured between the front wall (15) of the lock and the lock's cylinder (12). The supporting screw (14) is preliminarily weakened; for instance it is shorter than regular screws. Blocking means connect the weakened supporting screw (14) to the main latch (11) of the lock. The blocking means comprise a sprung sliding plate (17), engaged onto the supporting screw (14) and engageable to the latch of the lock. When the intruder manipulates the lock's cylinder, trying to brake it (thus resulting in a change of the cylinder's position), the weakened supporting screw will not resist this action and thus rotate and change its position. That will activate the blocking means to secure and block the main latch of the lock. <IMAGE>

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IPC 8 full level

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Cited by

EP0855485A1; EP1158120A3; FR2794158A1; FR2708025A1; FR3076314A1; GB2325697B; GB2436588A; FR2888602A1; WO02097228A3

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