

Title (en)

A latch control structure and a latch for electronic locks.

Title (de)

Betätigungseinrichtung für Riegelfallenschloss, insbesondere für elektronische Schlösser.

Title (fr)

Dispositif de commande pour serrure à clenche, en particulier pour serrures électroniques.

Publication

EP 0345372 A1 19891213 (EN)

Application

EP 88109188 A 19880609

Priority

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Abstract (en)

A latch control structure and a latch for an electronic lock, wherein an outside (11) or an inside (23) knob can pull in the dead bolts, the upper (66) and the lower (65), when said button (24) is not turned being kept vertical. But when said button (24) is turned to become horizontal, a blocking tip (451) can block a notch (493) in a rail (49) and a cross bar of a moving base (44) cannot enter said rail for engaging with the grooves of a square shaft (13) of the outside knob (11) so that the outside knob can only turn idle, impossible to open the door without using a correct coded key card, which has to be inserted in a sensor (15) to start a magnetic coil (16) for sucking up said blocking tip so as to pull in the dead bolts by turning the outside knob.

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IPC 8 full level

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CPC (source: EP)

E05B 47/0688 (2013.01); **E05B 47/0006** (2013.01)

Citation (search report)

- [A] EP 0241323 A2 19871014 - SEDLEY BRUCE S [US]
- [A] BE 673186 A 19660401
- [A] US 4633687 A 19870106 - FANE WILLIAM J [CA]

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