

Title (en)
Hook bolt lock.

Title (de)
Schloss mit hakenförmigem Riegel.

Title (fr)
Serrre à pêne en forme de crochet.

Publication
EP 0142342 A2 19850522 (EN)

Application
EP 84307744 A 19841109

Priority
NL 8303846 A 19831109

Abstract (en)
In a hook bolt lock wherein the hook bolt (4) pivots between a first, projecting, position and a second, retracted, position under the action of an operating handle (7) which lies flush with the surface of the window or door frame in which the lock is incorporated and can slide in the casing between "closed" and "open" positions. The handle (7) is connected to the hook bolt (4) through a transmission mechanism (6) which includes a rotary member (12) and connecting links (8,9) which are pivotally connected (at 13, 14) to the rotary member (12) and the second (9) of which is pivotally connected (at 10) to the hook bolt (4). In addition, for preventing opening of the lock by the application of pressure to the hook bolt end (5), locking means (26,28; 11,35) is provided comprising an abutment surface (28; 35) on the first link (8) and a cooperating' abutment (26; 11) mounted on the casing (2), the arrangement being such that the abutment surface (28; 35) is urged against the abutment (26; 11) in response to pressure applied to the hook bolt end (5). In one version further locking means (34,39) is provided for locking the hook bolt (4) in its retracted position when the door or window is open. In addition, auxiliary locking means (40 - 50) may be provided for locking the hook bolt (4), transmission mechanism (6) and handle (7) in the "locked" position.

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E05B 65/08

IPC 8 full level
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Cited by
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