

Title (en)

A blade ejection/retraction mechanism particularly for a lock key blade and a key case including such mechanism

Title (de)

Aus- und Einschiebevorrichtung für Blatt, insbesondere Schlüsselblatt, und Schlüsselschachtel mit solcher Vorrichtung

Title (fr)

Mécanisme d'éjection/rétraction pour lame, notamment lame de clé, et boîtier de clé avec un tel mécanisme

Publication

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Application

EP 00500204 A 20000925

Priority

BR 9905598 A 19990930

Abstract (en)

There is disclosed a blade ejection/retraction mechanism having a simple structure, with only a few components and working in a reliable manner allowing both the ejection and the retraction of the blade in an entirely automatic manner and characterized by comprising substantially a supporting block (1) having a passageway (6) and locking devices provided laterally to the passageway, a blade (13) slidably housed in the passageway (6) and provided with latching means able to cooperate with the lateral locking devices, a striker plate (13) slidably housed in the supporting block (1) and provided with lock releasing elements also able to cooperate with the lateral locking devices, a tension element (20) prestressed between the blade (7) and the striker plate (13), the same being movable from a first position, wherein the lateral locking devices keep the blade retracted, to a second position, wherein the lock releasing elements interact with the lateral locking devices, causing the blade (7) to be ejected, and in the opposite sense of the striker plate (13), from a second position to a first position causing the blade (7) to be retracted. There is also disclosed a key case including the said mechanism. <IMAGE>

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E05B 19/04; **A45C 11/32**

IPC 8 full level

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Citation (search report)

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