

Title (en)

Knife with automatic retraction device for the knife blade when it is no longer in its operating position

Title (de)

Messer mit automatisch wirkender Einzugsvorrichtung der Messerklinge ausserhalb ihrer Handhabungsposition

Title (fr)

Couteau muni d'un dispositif de retrait automatique de la lame en dehors de sa position d'utilisation

Publication

EP 0656247 B1 19980128 (DE)

Application

EP 94117646 A 19941109

Priority

DE 4341360 A 19931204

Abstract (en)

[origin: DE4341360C1] A knife (10) having a knife blade (13) which is guided in a hollow handle body (11) and is loaded in the retraction direction has a locking device (19, 20) which holds the knife blade (13) in the extended operating position. A protection device which can be activated as soon as the knife is released from the hand comprises the unlatching means of the locking device (19, 20) having an electromagnet (32) which can be operated by a voltage source (24), via a relay (28) in conjunction with a contact-making device (29) whose tripping is delayed. The circuits (25, 31) for the relay with the contact-making device (29) whose tripping is delayed and for the electromagnet (32) can be interrupted during handling of the knife (10) by means of a switch (22, 23) which can then be operated positively, and are closed when the knife (10) is released from the hand. <IMAGE>

IPC 1-7

B26B 5/00

IPC 8 full level

B25G 1/00 (2006.01); **B26B 5/00** (2006.01); **B26B 29/02** (2006.01)

CPC (source: EP)

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