

Title (en)

Knife with two cutting zones

Title (de)

Messer mit zwei Schneidzonen

Title (fr)

Couteau pourvu de deux zones de coupe

Publication

EP 2193891 A1 20100609 (FR)

Application

EP 09177755 A 20091202

Priority

FR 0858192 A 20081202

Abstract (en)

The dual use knife comprises a body equipped with a first opening, an edge (3) of a blade forming a trimming tool part for which the part of the accessible blade edge is framed by protecting walls (5, 6) and fitted with a second opening (7), an access point (8) of the blade at the end of the knife, and a removable rear cover. The body of the knife comprises a housing for sliding the blade between a retracted safe position for which the tip of the blade remains inside the body and a forward position for which the point of the blade protrudes from the body by the second opening. The dual use knife comprises a body equipped with a first opening, an edge (3) of a blade forming a trimming tool part for which the part of the accessible blade edge is framed by protecting walls (5, 6) and fitted with a second opening (7), an access point (8) of the blade at the end of the knife, and a removable rear cover. The body of the knife comprises a housing for sliding the blade between a retracted safe position for which the tip of the blade remains inside the body and a forward position for which the point of the blade protrudes from the body by the second opening. A blade holder is equipped with a button (10) for pushing the blade from the retracted safety position towards the forwarded position. A return unit of the blade is present in the direction of the retracted position. A movable abutment body is sliding in a rear part of the knife. The abutment movable body is adapted to define many abutment positions more or less reversed for the blade. Back abutment position is made using a notching device between the abutment body and a knife groove in which the abutment body slides. The rear portion is constituted by removable rear cover. The blade comprises a serrated profile.

Abstract (fr)

- L'objet de l'invention est un couteau à double usage qui comporte un corps (1) muni d'une première ouverture (2), d'accès au fil (3) d'une lame (4) et formant une partie d'outil d'ébarbage pour laquelle la partie de fil de la lame accessible est encadrée par des parois de garde (5, 6), et muni d'une seconde ouverture (7), d'accès à la pointe (8) de la lame en bout du couteau.

IPC 8 full level

B26B 5/00 (2006.01)

CPC (source: EP)

B26B 5/002 (2013.01); **B26B 5/003** (2013.01)

Citation (applicant)

- DE 102005057213 B3 20070322 - MARTOR KG [DE]
- US 2004250423 A1 20041216 - YU ZU SHENG [US]

Citation (search report)

- [Y] US 2004250423 A1 20041216 - YU ZU SHENG [US]
- [Y] DE 102005057213 B3 20070322 - MARTOR KG [DE]
- [Y] DE 202004013979 U1 20041111 - CHANG CHUN YUAN [TW]
- [Y] FR 2702987 A1 19940930 - PREPOSREVE [FR]
- [Y] US 2004187314 A1 20040930 - JOHNSON DARIAN A [US]
- [A] US 4953293 A 19900904 - STERLACCI DENNIS J [US]
- [A] EP 1479487 A1 20041124 - MARTOR KG [DE]

Cited by

CN103153557A; FR3060228A1; EP3698929A1; CN111604945A; US11759962B2; WO2012019579A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2193891 A1 20100609; EP 2193891 B1 20120801; FR 2939064 A1 20100604

DOCDB simple family (application)

EP 09177755 A 20091202; FR 0858192 A 20081202