

Title (en)
Knife with automatically retractable blade

Title (de)
Messer mit automatisch einziehbarer Klinge

Title (fr)
Couteau à lame rétractable automatiquement

Publication
EP 1946897 B1 20100915 (FR)

Application
EP 08100378 A 20080111

Priority
FR 0752777 A 20070119

Abstract (en)
[origin: EP1946897A1] The knife has a knife body with a pusher (6) driving a blade holder (2), and a trigger (4) acting on the holder. The pusher has a push stop (7) gripped with a counter stop (8) of the holder. The pusher and the holder comprise ramps cooperating for disengaging the push stop from the counter stop in a lateral direction perpendicular to a longitudinal retraction direction of a blade (1) when the holder and the blade are rotated towards an inclined cut position. The holder has a rear retention pin supported against a complementary shoulder of the body to retain the blade in the cut position.

IPC 8 full level
B26B 5/00 (2006.01); **B26B 1/08** (2006.01)

CPC (source: EP)
B26B 5/003 (2013.01)

Cited by
EP2388113A1; EP2359990A1; US8776380B1; EP2314430A1; EP2700482A1; FR2960174A1; CN109278070A; FR2956341A1; US2019022878A1; US10994429B2; EP3597379A1; US2008250651A1; US8250764B2; EP2965879A1; US9650065B2; US11565432B2; WO2009127200A1; EP2979828A1; TWI466763B; EP2203281B2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1946897 A1 20080723; EP 1946897 B1 20100915; AT E481218 T1 20101015; DE 602008002442 D1 20101028; FR 2911532 A1 20080725; FR 2911532 B1 20091211

DOCDB simple family (application)
EP 08100378 A 20080111; AT 08100378 T 20080111; DE 602008002442 T 20080111; FR 0752777 A 20070119