

Title (en)  
Segment knife

Title (de)  
Segmentmesser

Title (fr)  
Couteau à segment

Publication  
**EP 2039482 A1 20090325 (DE)**

Application  
**EP 08164822 A 20080922**

Priority  
DE 102007045351 A 20070922

Abstract (en)  
The knife has a plate-shaped knife body (1) including a bent knife edge section (SA). Replaceable knife inserts (3) are provided at ends (E1, E2) of the edge section, respectively. The section has two knife edges made at the body. The section has a third knife insert (5) detachably fastened to the body, and a channel for retaining the third insert. The third insert has bent side surfaces corresponding to tapered inner flanks of the channel. The inserts (3) are made of metal, and the third insert is made of a material e.g. hard metal or ceramic, whose hardness is larger than that of the metal.

Abstract (de)  
Die Erfindung betrifft ein Segmentmesser zur Herstellung eines Schlitzes in einem Verpackungswerkstoff, insbesondere in Wellpappe, Karton oder dgl., mit einem einen gebogenen Schneidabschnitt (SA) aufweisenden plattenartigen Messerkörper (1). Zur Verbesserung der Haltbarkeit ist erfindungsgemäß vorgesehen, dass zumindest am einem Ende (E1) des Schneidabschnitts (SA) ein auswechselbarer erster Schneideinsatz (3) vorgesehen ist.

IPC 8 full level  
**B26D 1/00** (2006.01); **B26D 1/14** (2006.01)

CPC (source: EP)  
**B26D 1/0006** (2013.01); **B26D 7/2614** (2013.01); **B26D 3/14** (2013.01); **B26D 7/2642** (2013.01); **B26D 2001/0033** (2013.01); **B26D 2001/0053** (2013.01); **B26D 2001/006** (2013.01)

Citation (search report)  
[A] DE 202004004275 U1 20040603 - IMABT WEICHSELBAUM [DE]

Cited by  
US7631586B2; JP2018118369A; AT510302A1; AT510303A3; AT510302B1; AT510303B1; WO2024060498A1

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2039482 A1 20090325**; **EP 2039482 B1 20100120**; AT E455631 T1 20100215; DE 102007045351 B3 20090416; DE 502008000333 D1 20100311; DK 2039482 T3 20100525; PL 2039482 T3 20100630; SI 2039482 T1 20100531

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