

Title (en)

Blade, method of cutting with the blade and packaging device

Title (de)

Schneidmesser, Verfahren zum Schneiden mit diesem Messer und Verpackungsmaschine

Title (fr)

Lame de coupe, procédé pour couper avec ladite lame ainsi que machine d'emballage

Publication

EP 1350724 A2 20031008 (EN)

Application

EP 03075793 A 20030318

Priority

NL 1020191 A 20020318

Abstract (en)

A blade (50) for cutting packages is applied in a vertical filling device. The blade (50) comprises a back (51) and a cutting edge (52), wherein the cutting edge is formed by an edge provided with at least two main teeth (53,54). According to the invention the cutting edge (52) comprises less than nine main teeth. The cutting of packages in a vertical filling device comprises of providing a blade and a foil strip, inserting the blade in the foil strip, perforating the foil strip, cutting the foil strip. According to the invention substantially two initial perforations are formed in the foil strip. From the two perforations the bag will cut or even tear further. In addition, there is a packaging device specified wherein means are applied for vertical filling of packages, wherein the packaging device is provided with such a blade. <IMAGE>A blade (50) for cutting packages is applied in a vertical filling device. The blade (50) comprises a back (51) and a cutting edge (52), wherein the cutting edge is formed by an edge provided with at least two main teeth (53,54). According to the invention the cutting edge (52) comprises less than nine main teeth. The cutting of packages in a vertical filling device comprises of providing a blade and a foil strip, inserting the blade in the foil strip, perforating the foil strip, cutting the foil strip. According to the invention substantially two initial perforations are formed in the foil strip. From the two perforations the bag will cut or even tear further. In addition, there is a packaging device specified wherein means are applied for vertical filling of packages, wherein the packaging device is provided with such a blade. <IMAGE>

IPC 1-7

B65B 61/06; **B26D 1/00**

IPC 8 full level

B26D 1/00 (2006.01); **B26D 1/08** (2006.01); **B65B 61/06** (2006.01); **B65B 9/20** (2012.01)

CPC (source: EP)

B26D 1/0006 (2013.01); **B26D 1/085** (2013.01); **B65B 61/06** (2013.01); **B65B 9/20** (2013.01)

Cited by

CN106428831A; CN112429338A; US9073227B2; WO2010086007A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1350724 A2 20031008; **EP 1350724 A3 20031015**; **EP 1350724 B1 20080521**; AT E396114 T1 20080615; DE 60321076 D1 20080703; DK 1350724 T3 20080915; ES 2302895 T3 20080801; NL 1020191 C2 20030919

DOCDB simple family (application)

EP 03075793 A 20030318; AT 03075793 T 20030318; DE 60321076 T 20030318; DK 03075793 T 20030318; ES 03075793 T 20030318; NL 1020191 A 20020318