

Title (en)

Apparatus for separating parts from a band of film material

Title (de)

Vorrichtung zum Herauslösen von Teilbereichen aus einem bahnartigen Folienmaterial

Title (fr)

Dispositif pour séparer des éléments d'une bande de matériau en film

Publication

EP 1068939 B1 20040225 (DE)

Application

EP 00113958 A 20000701

Priority

DE 29911914 U 19990713

Abstract (en)

[origin: EP1068939A2] The device has a cutting edge (51), which is pressed through the moving foil material (20) in a rolling or slicing motion. The cutting edge is formed by the free edge section of a knife blade. A pressure member is pressed against the blade and moved along it, to cut through the foil. The foil moves between an anvil and the knife blade, and is fixed in position by under pressure. An elastically compressible buffer part (66,68) is positioned beside the knife blade. The blade may form a closed ring fastened to a plate. The foil material may be the collar-like edge of a filled bag, which is connected to a lower foil length (12). This forms a container (16) with contents, and there is also an upper foil forming a sealed lid. Both foils are water-soluble.

IPC 1-7

B26F 1/16; **B26F 1/42**; **B26F 1/38**; **B26D 7/01**; **B26D 1/44**

IPC 8 full level

B25B 5/16 (2006.01); **B25B 11/00** (2006.01); **B26D 1/44** (2006.01); **B26D 7/01** (2006.01); **B26D 7/02** (2006.01); **B26D 7/18** (2006.01); **B26D 7/20** (2006.01); **B26F 1/16** (2006.01); **B26F 1/38** (2006.01); **B26F 1/42** (2006.01); **B26F 1/44** (2006.01); **B26F 1/46** (2006.01)

CPC (source: EP)

B25B 5/163 (2013.01); **B25B 11/005** (2013.01); **B26D 1/445** (2013.01); **B26D 7/018** (2013.01); **B26D 7/02** (2013.01); **B26D 7/025** (2013.01); **B26D 7/1818** (2013.01); **B26D 7/20** (2013.01); **B26F 1/3826** (2013.01); **B26F 1/3846** (2013.01); **B26F 1/42** (2013.01); **B26D 1/285** (2013.01)

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

DE 29911914 U1 19990909; DE 50005385 D1 20040401; DE 50012033 D1 20060330; EP 1068939 A2 20010117; EP 1068939 A3 20010808; EP 1068939 B1 20040225; EP 1358976 A1 20031105; EP 1358976 B1 20060104

DOCDB simple family (application)

DE 29911914 U 19990713; DE 50005385 T 20000701; DE 50012033 T 20000701; EP 00113958 A 20000701; EP 03010440 A 20000701