Title (en)

Device for detaching parts of a material in the form of a web

Title (de)

Vorrichtung zum Herauslösen von Teilbereichen aus einem bahnartigen Folienmaterial

Title (fr)

Outil pour détacher parties d'un matériau en forme de bande

Publication

EP 1358976 B1 20060104 (DE)

Application

EP 03010440 A 20000701

Priority
- DE 29911914 U 19990713
- EP 00113958 A 20000701

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 8 full level

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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)

Cited by

CN112109137A; CN110370364A; GB2589122A; GB2589163A; GB2589122B; US11602869B2

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DOCDB simple family (publication)

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