

## 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 A3 20010808 (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

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## IPC 8 full level

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## Citation (search report)

- [XAY] GB 2032322 A 19800508 - CARR D
- [Y] US 3877336 A 19750415 - HILLESHEIMER WALTER
- [Y] US 4043234 A 19770823 - GODIN VICTOR B, et al
- [XAY] DE 1611733 A1 19710128 - UNION VERPACKUNGS GMBH
- [Y] DE 9206629 U1 19930916 - STEMA BAUGERAETE VERTRIEBS UND [DE]
- [Y] GB 618008 A 19490215 - JACK MITCHELL BUIST, et al
- [YA] US 3786564 A 19740122 - ACHESON M
- [E] WO 0071333 A1 20001130 - SOBI HB [SE], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05 31 May 1999 (1999-05-31)

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