

Title (en)

Perforating apparatus for foils, especially plastic foils

Title (de)

Vorrichtung zur Perforation von bahnförmigen Folien, insbesondere Kunststofffolien

Title (fr)

Dispositif pour perforer des films, spécialement des pellicules plastiques

Publication

EP 0802026 B1 20021106 (DE)

Application

EP 97106139 A 19970415

Priority

- DE 19614756 A 19960416
- DE 19714429 A 19970408

Abstract (en)

[origin: EP0802026A1] A device for perforating webs of foil, in particular plastic foil, has at least one pair of rollers through which the foil is moved. The pair of rollers includes a spiked roller with spikes which extend radially from its outer surface, and a mating roller held against the spiked roller and whose outer surface has a lining which can be penetrated by the point of each spike, for example an elastic outer ply. The outer surface of the spiked roller has at least one recess in which a spike is arranged in such a way that only a section of its point protrudes by a predetermined extent beyond the outer surface.

IPC 1-7

B26F 1/00; **B26F 1/24**; **B21D 28/36**; **B26D 7/26**

IPC 8 full level

B21D 28/36 (2006.01); **B26D 7/26** (2006.01); **B26F 1/24** (2006.01)

CPC (source: EP)

B21D 28/36 (2013.01); **B26D 7/2614** (2013.01); **B26F 1/24** (2013.01)

Cited by

CN104924357A; CN103010811A; CN106042052A; CN104802216A; DE102022116304B3; DE202022103634U1; WO2006077379A1

Designated contracting state (EPC)

AT BE DE DK ES FI FR GB IT NL SE

DOCDB simple family (publication)

EP 0802026 A1 19971022; **EP 0802026 B1 20021106**; AT E227197 T1 20021115; BR 9702130 A 19990105; DK 0802026 T3 20030303; ES 2186817 T3 20030516; JP H11508830 A 19990803; WO 9738832 A1 19971023

DOCDB simple family (application)

EP 97106139 A 19970415; AT 97106139 T 19970415; BR 9702130 A 19970415; DE 9700752 W 19970415; DK 97106139 T 19970415; ES 97106139 T 19970415; JP 53664797 A 19970415