

Title (en)

Slitting machine for longitudinally slitting webs of films

Title (de)

Schneidevorrichtung zum Längsschneiden von Folienbahnen

Title (fr)

Coupeuse pour couper longitudinalement des bandes dans des feuilles

Publication

**EP 0275909 B2 19980603 (DE)**

Application

**EP 88100371 A 19880113**

Priority

DE 3701716 A 19870122

Abstract (en)

[origin: US5085110A] A cutting device for layered or unlayered foil lengths, having good cut quality and an extended period of use before re-grinding of the cutter is required, consists of cylindrically shaped keyway cutter bars with distance rings lying between them, which are mounted on a blade shaft, and of roller blades of right-angles cross-section, which are equally mounted on a blade shaft and wherein each roller blade is pressed by a spring washer against the corresponding keyway cutter bar. The advantage according to the invention consists in that first each roller blade is supported on one of the cutting blades of the keyway cutter bar and that after these cutting shoulders wear off the whole roller blade shaft is turned around and in each case the other cutting shoulder is used for cutting. After these cutting shoulders too have worn off the cutting device is made usable for further cutting operation by grinding off the cylindrical outer surface of the keyway cutter bars (FIG. 2).

IPC 1-7

**B26D 1/24**

IPC 8 full level

**B26D 1/24** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP KR US)

**B26D 1/24** (2013.01 - EP KR US); **B26D 7/2621** (2013.01 - EP US); **B26D 7/2635** (2013.01 - EP US); **Y10S 83/955** (2013.01 - EP US); **Y10T 83/05** (2015.04 - EP US); **Y10T 83/0524** (2015.04 - EP US); **Y10T 83/7834** (2015.04 - EP US); **Y10T 83/9403** (2015.04 - EP US)

Cited by

EP0390133A1; US5048388A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0275909 A1 19880727**; **EP 0275909 B1 19910403**; **EP 0275909 B2 19980603**; DE 3701716 A1 19880804; DE 3701716 C2 19901011; DE 3701716 C3 19960620; DE 3862195 D1 19910508; JP H06318 B2 19940105; JP S63212494 A 19880905; KR 880008863 A 19880913; KR 930009108 B1 19930923; US 5085110 A 19920204

DOCDB simple family (application)

**EP 88100371 A 19880113**; DE 3701716 A 19870122; DE 3862195 T 19880113; JP 709588 A 19880118; KR 880000478 A 19880122; US 52076690 A 19900508