

Title (en)

Cutting device for cutting a continuous web

Title (de)

Schneideinrichtung zum Schneiden einer Materialbahn

Title (fr)

Dispositif de coupe pour couper une bande

Publication

EP 0887158 A3 20020515 (DE)

Application

EP 98110008 A 19980602

Priority

DE 19727571 A 19970628

Abstract (en)

[origin: EP0887158A2] the cutter has a blade arrangement movable transversely w.r.t. the direction of motion of the material strip with a first blade unit (3) on one side of the material strip and a second unit (4) on the other side. The first blade unit has a drive with a positioning unit. A wireless signal transmission path (22) is formed between the first and second blade units. The second blade unit has a tracking arrangement (16). A magnetic field generating device (14,16) or electromagnet is arranged at one end of the signal transmission path. The tracking arrangement consists of the magnetic coupling between the blade units.

IPC 1-7

B26D 1/26; **B26D 7/26**

IPC 8 full level

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

CPC (source: EP US)

B26D 1/245 (2013.01 - EP US); **B26D 7/2635** (2013.01 - EP US); **Y10T 83/04** (2015.04 - EP US); **Y10T 83/6603** (2015.04 - EP US); **Y10T 83/7847** (2015.04 - EP US); **Y10T 83/9459** (2015.04 - EP US)

Citation (search report)

- [X] US 5259255 A 19931109 - URBAN ERNST-GUENTHER [DE], et al
- [X] US 4548105 A 19851022 - KOUTONEN PAULI [FI]
- [A] US 4102227 A 19780725 - SIMKO GABRIEL
- [A] GB 2290496 A 19960103 - DIENES WERKE [DE]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19727571 C1 19981210; EP 0887158 A2 19981230; EP 0887158 A3 20020515; US 5992279 A 19991130

DOCDB simple family (application)

DE 19727571 A 19970628; EP 98110008 A 19980602; US 9739998 A 19980616