

Title (en)

Device for severing and clamping a torn web.

Title (de)

Vorrichtung zum Durchtrennen und Halten einer gerissenen Bahn.

Title (fr)

Dispositif pour couper et maintenir une bande déchirée.

Publication

EP 0525450 B1 19951004 (DE)

Application

EP 92111510 A 19920707

Priority

DE 4124391 A 19910723

Abstract (en)

[origin: EP0525450A1] In a device for severing and clamping a torn web (5), having a cutter bar (10) which has a fixed cutter (9) and is arranged so as to traverse the plane of transport of the web, and having a lifting bar (8) which has a projection (17) which can be brought into operative engagement with the cutter (9) and can be lifted and lowered by means of an associated extension device (22) which can be activated by means of a web tear detector, universal usability and a high degree of safety can be achieved in a simple and cost-effective manner due to the fact that the cutter bar (10) contains two identical, rail-type cutter bearers (11) which hold the cutter (9) between them and are provided in the region of their side facing the lifting bar (8) with symmetrically arranged holders (13) for the elastic strips (14a, 14b) which flank the cutter (9), project relative to the cutting edge of the cutter (9) and are spaced apart at least by the width of the projection (17) of the lifting bar (8) which is constructed to be symmetrical to the cutting plane (s) and has two clamping surfaces (21) which flank the projection (17) provided with a cutting groove (18), into which the cutter (9) can be inserted, and are assigned to the elastic strips (14a, 14b). <IMAGE>

IPC 1-7

B41F 13/02; B26D 7/02

IPC 8 full level

B26D 1/06 (2006.01); **B26D 7/02** (2006.01); **B41F 13/02** (2006.01); **B41F 13/60** (2006.01); **B41F 33/18** (2006.01)

CPC (source: EP US)

B26D 7/025 (2013.01 - EP US); **B41F 33/18** (2013.01 - EP US); **B41P 2233/21** (2013.01 - EP US); **Y10T 83/543** (2015.04 - EP US); **Y10T 83/7513** (2015.04 - EP US); **Y10T 83/8752** (2015.04 - EP US); **Y10T 83/8821** (2015.04 - EP US)

Cited by

EP0703077A1; EP0686505A1; FR2720330A1; CN103496015A

Designated contracting state (EPC)

BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0525450 A1 19930203; **EP 0525450 B1 19951004**; DE 4124391 A1 19930128; DE 4124391 C2 19950831; DE 59203886 D1 19951109; DE 9116763 U1 19931118; DK 0525450 T3 19960304; ES 2079746 T3 19960116; JP 3165932 B2 20010514; JP H05237797 A 19930917; US 5239903 A 19930831

DOCDB simple family (application)

EP 92111510 A 19920707; DE 4124391 A 19910723; DE 59203886 T 19920707; DE 9116763 U 19910723; DK 92111510 T 19920707; ES 92111510 T 19920707; JP 19356592 A 19920721; US 89456392 A 19920605