

Title (en)
Paper holding device.

Title (de)
Papierfangvorrichtung.

Title (fr)
Dispositif de retenue de papier.

Publication
EP 0391246 B1 19940209 (DE)

Application
EP 90105974 A 19900329

Priority
DE 3910556 A 19890401

Abstract (en)
[origin: EP0391246A2] A pair of paper holding rollers, consisting of two rollers (1, 55), grips a print carrier web (57) on occurrence of a tear in the print carrier web such that damage to the printing unit is avoided. In this case, one of the rollers (e.g. 1) is moved relative to the other roller (e.g. 55), in that the diameter of this roller (1), consisting of a plurality of segments, is increased. This takes place by the segments (2, 3, 4) being moved radially outwards by swivellable levers (9, 54) when, on occurrence of a tear in the web, catches (20, 21) release a ring (15) which is displaceable on the spindle axle (13) and is prestressed by a compression spring (16). The lever (9) is attached on one side to the inside of a segment (2) and on the other side to the spindle (13), a bolt (38), attached to the ring (15), engaging in the elongate hole (37) of said lever. <IMAGE>

IPC 1-7
B41F 13/02; **B41F 33/06**; **B65H 26/02**

IPC 8 full level
B41F 13/02 (2006.01); **B41F 33/00** (2006.01); **B41F 33/06** (2006.01); **B41F 33/18** (2006.01); **B65H 26/02** (2006.01)

CPC (source: EP US)
B41F 33/18 (2013.01 - EP US); **B41P 2233/20** (2013.01 - EP US)

Cited by
EP0743183A3; US6079328A

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
EP 0391246 A2 19901010; **EP 0391246 A3 19910417**; **EP 0391246 B1 19940209**; DE 3910556 C1 19901011; DE 59004536 D1 19940324; JP H02281945 A 19901119; US 5036765 A 19910806

DOCDB simple family (application)
EP 90105974 A 19900329; DE 3910556 A 19890401; DE 59004536 T 19900329; JP 8145390 A 19900330; US 49645690 A 19900320