

Title (en)

Device for margin-perforated webs in printers, in particular matrix printers.

Title (de)

Vorrichtung für randgelochte Papierbahnen in Druckern, insbesondere in Matrixdruckern.

Title (fr)

Dispositif pour bandes à perforations marginales dans les imprimantes, en particulier les imprimantes matricielles.

Publication

**EP 0420362 A2 19910403 (DE)**

Application

**EP 90250217 A 19900830**

Priority

DE 3933030 A 19890929

Abstract (en)

[origin: US5080272A] A device for the feeding or advancement of an edgeperforated paper web (1) in a dot-matrix printer or the like includes a pair of drive belts (3) transversely spaced apart proximate opposite transverse edges of the web, each belt carrying on its upper surface (6) a series of pins (7) for releasable engagement with the edge-disposed web perforations (11). To provide an increase in friction between the paper web (1) and the drive belts (3) during transport of the web, and thereby assure enhanced accuracy and precision in operatively advancing the web, a plurality of upstanding or outwardly-protruding projections (17, 17a, 17b, 17c) are defined on the upper belt surface (6). These projections are located at least in the flat sections (16) of the belt between adjacently or successively-disposed ones of the pins (7) and, in another form of the invention, additionally at and coincident with the locations of the pins (7) which interrupt the transversely-oriented projections.

Abstract (de)

Eine Vorrichtung für randgelochte Papierbahnen (1) weist Treibriemen (3) mit in die Löcher (11) eingreifenden Stiften (7) auf, die die Papierbahnen (1) transportieren. Um die Reibungskraft zwischen der Papierbahn (1) und den Treibriemen (3) jeweils zu erhöhen, wird vorgeschlagen, daß auf der Oberseite (6) des Treibriemens (3) zumindest zwischen jeweils zwei benachbarten Stiften (7) befindliche Flächenabschnitte (16) jeweils mit die Reibung erhöhenden Vorsprüngen (17; 17a; 17b; 17c) versehen sind.

IPC 1-7

**B41J 11/30**

IPC 8 full level

**B41J 11/30** (2006.01)

CPC (source: EP US)

**B41J 11/30** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0420362 A2 19910403; EP 0420362 A3 19910731**; DE 3933030 A1 19910411; DE 3933030 C2 19920430; US 5080272 A 19920114

DOCDB simple family (application)

**EP 90250217 A 19900830**; DE 3933030 A 19890929; US 58979390 A 19900928