

Title (en)

FEED DEVICE FOR CUT PAPER OR WEBS OF VARIABLE OR DIFFERENT WIDTH AND/OR THICKNESS

Publication

**EP 0435409 A3 19911016 (DE)**

Application

**EP 90250302 A 19901203**

Priority

DE 3943227 A 19891222

Abstract (en)

[origin: US5069442A] A device for the transport of recording media (3) of varying or different widths and/or thicknesses while automatically aligning the same includes a rotatably mounted and driven friction roll (1) and a plurality of rotatable pressure rollers 2a, 2b, 2c arranged in abutment with the friction roll periphery. A guide surface (6) for one of the lateral edges (3a) of the recording medium, which surface extends perpendicular to the friction roll axis (5), is associated with one end (4) of the friction roll. The pressure rollers (2a, 2b, 2c) are located off-center with respect to the length (7) of the elongated friction roll on the side or section thereof closest to the guide surface (6), while the longitudinal section (8) of the friction roll (1) which is most remote from the guide surface (6) is free of pressure rollers. The spacing (10) between the guide surface (6) and that one of the pressure rollers (2c) located most remote from the guide surface is selected so as to be at no more than one-half of the minimum of recording media that are intended for use with the transport device.

IPC 1-7

**B41J 13/30**

IPC 8 full level

**B41J 13/30** (2006.01)

CPC (source: EP US)

**B41J 13/30** (2013.01 - EP US)

Citation (search report)

- [X] US 4821049 A 19890411 - ECKL JOHN K [US]
- [A] US 4836527 A 19890606 - WONG LAM F [US]
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, Band 22, Nr. 8A, Januar 1980, Seiten 3150-3151, New York, US; P.J. HENDERSON: "Document alignment device for transport"
- [A] XEROX DISCLOSURE JOURNAL, Band 12, Nr. 1, Januar-Februar 1987, Seiten 53-54, Stamford, Connecticut, US; W.D. MILILLO: "Document feeder edge biasing device"

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US5954440A; EP0846565A1

Designated contracting state (EPC)

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**EP 0435409 A2 19910703; EP 0435409 A3 19911016**; DE 3943227 A1 19910704; DE 3943227 C2 19920213; US 5069442 A 19911203

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**EP 90250302 A 19901203**; DE 3943227 A 19891222; US 63086990 A 19901220