

Title (en)

Differential friction media drive.

Title (de)

Differentialreibantrieb für Datenträger.

Title (fr)

Entraînement différentiel à friction pour documents.

Publication

EP 0419800 A1 19910403 (EN)

Application

EP 90114394 A 19900726

Priority

US 41482989 A 19890929

Abstract (en)

An apparatus for providing motive force to a medium (14), including a high friction drive surface (16) and a drive plate (20) which is surfaced with an extremely low friction material (30) is provided. The friction differential produced by the surface variations is sufficient to furnish superior transfer of motive force and to avoid problems of jamming and mishandling. Placement of a printhead (12) near the drive surface (16) allows for high quality printing, and very small top and bottom margin distances.

IPC 1-7

B41J 13/02

IPC 8 full level

B41J 13/076 (2006.01); **B41J 13/02** (2006.01); **B65H 5/06** (2006.01); **B65H 5/36** (2006.01)

CPC (source: EP)

B41J 13/02 (2013.01)

Citation (search report)

- [AP] US 4938468 A 19900703 - WAFLE WALTER F [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 6, no. 216 (M-168)(1094), 29 October 1982; & JP - A - 57120476 (SHINSHIYUU SEIKI K.K.) 27.01.1982
- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 304 (M-526)(2360), 16 October 1986; & JP - A - 61116567 (SANWA K.K.) 04.06.1986

Cited by

DE4220175A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0419800 A1 19910403; **EP 0419800 B1 19941214**; CA 2015021 A1 19910329; DE 69015082 D1 19950126; DE 69015082 T2 19950803; JP H03152039 A 19910628

DOCDB simple family (application)

EP 90114394 A 19900726; CA 2015021 A 19900420; DE 69015082 T 19900726; JP 25879190 A 19900927