

Title (en)  
High-speed ink feed device.

Title (de)  
Hochgeschwindigkeitsfarbzufuhrmechanismus.

Title (fr)  
Mécanisme d'alimentation en encre pour grandes vitesses.

Publication  
**EP 0475120 A1 19920318 (DE)**

Application  
**EP 91113788 A 19910816**

Priority  
US 58307490 A 19900914

Abstract (en)  
In an offset printing machine, the plate cylinder rotates constantly with minimum impairment due to torsional vibration caused by the impact of the lifter roller (126) moving back and forth with the distributor roller (128) (first transfer roller). The distributor roller has a drive, by means of which it is rotated independently of the rotation of the other rollers which lead successively to the plate cylinder. <IMAGE>

Abstract (de)  
In einer Offsetdruckmaschine dreht sich der Plattenzylinder konstant mit einer minimalen Beeinträchtigung durch Torsionsschwingung, verursacht durch den Aufschlag der sich hin- und herbewegenden Hebwalze (126) mit der Reibwalze (128) (ersten Übertragwalze). Die Reibwalze hat einen Antrieb, wodurch sie unabhängig von der Drehung der anderen Walzen, welche nacheinander zu dem Plattenzylinder führen, gedreht wird. <IMAGE>

IPC 1-7  
**B41F 31/00; B41F 31/14**

IPC 8 full level  
**B41F 13/00** (2006.01); **B41F 31/00** (2006.01); **B41F 31/14** (2006.01)

CPC (source: EP)  
**B41F 31/004** (2013.01); **B41F 31/14** (2013.01); **B41P 2213/42** (2013.01)

Citation (search report)

- [X] FR 2229551 A1 19741213 - MASCHF AUGSBURG NUERNBERG AG [DE]
- [Y] US 2248645 A 19410708 - ALFRED SCHLESINGER
- [Y] GB 403990 A 19340108 - ALFRED SCHLESINGER
- [A] EP 0019073 A1 19801126 - ROLAND MAN DRUCKMASCH [DE]
- [A] US 2672093 A 19540316 - MEYER JOSEPH E, et al
- [A] GB 496110 A 19381123 - GEORGE MANN & COMPANY 1932 LTD, et al
- [A] DE 3917074 A1 19900510 - POLYGRAPH LEIPZIG [DD]
- [A] DE 3929043 A1 19900315 - POLYGRAPH LEIPZIG [DD]
- [A] DE-B-2 703 425

Cited by  
EP2127874A1; DE102008025345A1; DE102004062876B4; DE19732059C2; EP0974461A3; CN113103759A; DE19623224C1; US5826505A; FR2761925A1; DE19715614B4; DE4428403A1; DE4428403C2; US5685225A; US5784960A; EP0812683A1; US7117792B2; US7124683B2; US8156865B2

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0475120 A1 19920318**; CA 2049154 A1 19920315; CA 2049154 C 19940726; JP H06340058 A 19941213

DOCDB simple family (application)  
**EP 91113788 A 19910816**; CA 2049154 A 19910814; JP 26144391 A 19910913