

Title (en)  
Device for transporting ink or a damping agent.

Title (de)  
Vorrichtung zum Transport von Farbe oder Feuchtmittel.

Title (fr)  
Dispositif de transfert d'encre ou de liquide de mouillage.

Publication  
**EP 0069834 A1 19830119 (DE)**

Application  
**EP 82103477 A 19820424**

Priority  
DE 3127647 A 19810713

Abstract (en)  
[origin: US4466347A] A fluid supply system for a lithographic printing press in which a fountain roller journaled in the frame of the press and driven at a slow speed is partially submerged so that a film of fluid is formed on its surface. A distributor roller is journaled in the frame parallel to the fountain roller and spaced therefrom to form a gap. A ductor roller movable broadwise in the gap is supported by a pair of arms which are, in turn, rigidly supported by a shaft journaled in the frame. A driving arm having a thrust rod connected thereto is rigidly secured to the shaft. The driving arm is coupled to a cam follower which engages a rotary cam so that upon rotation of the cam the shaft oscillates to swing the ductor roller back and forth for successive engagement of the fountain roller and the distributor roller to convey fluid therebetween. Opposed way surfaces are provided at the ends of the arms oriented generally perpendicular to the plane of the arms. Mounting blocks carrying the ends of the ductor roller are slidable on the way surfaces. Paired springs are provided on opposite sides of each of the mounting blocks in working opposition to one another so as to define a normal position of the ductor roller with respect to the arms. Upon engagement of the ductor roller with either the distributor roller or fountain roller, any relative overtravel of the cam follower is yieldingly accommodated by the deformation of the springs. A set screw in each arm prestresses the springs and adjusts the normal position of the ductor roller.

Abstract (de)  
Eine hin- und hergehende Bewegung ausführende Heberwalze (10) eines Farb- oder Feuchtwerkes ist in Schwenkhebeln (7) mit Flachführungen (9) gelagert. Diese Flachführungen (9) ermöglichen das Einstellen der Heberwalze (10) in den Extremstellungen des Kurventriebes, der die Schwenkbewegungen einleitet. Durch eine schwimmende Lagerung der Heberwalzenlagerung (8) ist es möglich, diese nur durch die Federn (14) zu fixieren, wodurch es möglich ist, mehrere Heberwalzen mit verschieden großem Hub mit einem einzigen Kurventrieb anzutreiben.

IPC 1-7  
**B41F 31/30**; **B41F 7/40**; **B41L 27/32**

IPC 8 full level  
**B41F 7/24** (2006.01); **B41F 7/26** (2006.01); **B41F 7/40** (2006.01); **B41F 31/14** (2006.01); **B41F 31/30** (2006.01); **B41L 27/32** (2006.01)

CPC (source: EP US)  
**B41F 7/40** (2013.01 - EP US); **B41F 31/14** (2013.01 - EP US); **B41L 27/32** (2013.01 - EP US); **Y10S 101/32** (2013.01 - EP US)

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• [X] DE 2832375 A1 19790517 - POLYGRAPH LEIPZIG  
• [A] DE 2105622 A1 19710923 - POLYGRAPH LEIPZIG KOM POLYGRAP  
• [A] DE 1248682 B  
• [A] DE 349744 C 19220309 - OTTO VOELCKEL  
• [A] IBM TECHNICAL DISCLOSURE BULLETIN, Band 17, Nr. 7, Dezember 1974, Seiten 2119-2120, New York, USA

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