

Title (en)  
INKING DEVICE

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Application  
**EP 82105855 A 19820701**

Priority  
DE 3127880 A 19810715

Abstract (en)  
[origin: US4519312A] A liquid transport mechanism for use particularly in transporting and evenly distributing printing ink in a rotary printing machine is disclosed. A plurality of generally cone shaped ink transport rollers are placed about the periphery of one or more ink relief equalizing cylinders. The axes of rotation of the rollers are angled with respect to the axes of rotation of the ink relief equalizing cylinders. The covered surfaces of the rollers, which are disposed generally in pairs, contact the surface of the ink cylinders to form ink bridges which split the ink coating on the cylinders and cross transport it longitudinally along the length of each of the ink relief equalizing cylinders. The ink metering unit in accordance with the present invention uniformly and rapidly equalizes ink thickness without the need for ink zone adjusting screws and doctor blades.

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**B41F 31/00**

IPC 8 full level  
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**EP 0070431 A1 19830126; EP 0070431 B1 19850410**; CS 272755 B2 19910212; CS 486182 A2 19900613; DD 202664 A5 19830928; DE 3127880 A1 19830127; DE 3127880 C2 19831222; JP H0377062 B2 19911209; JP S5818268 A 19830202; SU 1255043 A3 19860830; US 4519312 A 19850528; US 4541339 A 19850917

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