

Title (en)
Printing unit for a rotary offset machine.

Title (de)
Druckwerk für eine Offsetrotationsdruckmaschine.

Title (fr)
Groupe imprimant pour rotative offset.

Publication
EP 0085752 A1 19830817 (DE)

Application
EP 82109663 A 19821020

Priority
DE 3203948 A 19820205

Abstract (en)
[origin: US4491070A] To provide for multi-color printing while passing a substrate, such as cut sheets or a web (39, 67), only through a single printing line, so that paper, possibly of poor quality, will not be excessively saturated by damping liquid, and mechanically stressed by passage through a plurality of printing lines, the blanket cylinders (1-4; 30, 31; 50-53) of respective printing systems which each have plate cylinders, inkers and dampers, are positioned in ink and damping liquid transferring relation, so that a partial image to be printed, applied to a blanket cylinder (3, 31, 52) by a respective associated plate cylinder (7, 33, 56) is transferred to an adjacent contacting blanket cylinder (4, 30, 53) which, additionally, receives a second partial image to be printed from an associated respective plate cylinder (8, 32, 57). An impression or printing cylinder (17, 38, 66, 68) is provided, for contacting engagement of the printing substrate against the adjacent contacting blanket cylinder (4, 30, 53). Thus, the last blanket cylinder will carry a plurality of images, for example in different colors, and the substrate is contacted only at a single impression line with the last blanket cylinder. For versatility, the respective cylinders should be movably journaled, so that they can be rocked in and out of engagement with each other, to permit, respectively, printing in different modes by the same machine.

Abstract (de)
Ein Druckwerk für eine Offsetrotationsdruckmaschine weist mehrere Teildruckwerke zur Zufuhr je einer Farbe zum Druckträger auf. Die Gummizylinder (1-4) aller Druckwerke sich zur Farbübertragung berührend in Reihe angeordnet. Der Druckträger ist mittels eines Druckzylinders (17) gegen einen der Gummizylinder (1-4) andrückbar, so daß alle Farben entlang einer Drucklinie gleichzeitig aufgetragen werden.

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B41F 7/10

IPC 8 full level
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CPC (source: EP US)
B41F 7/10 (2013.01 - EP US); **B41P 2217/11** (2013.01 - EP US)

Citation (search report)
• [A] DE 116209 C
• [A] GB 2025325 A 19800123 - POLYGRAPH LEIPZIG
• [A] DE 2339323 A1 19750220 - MASCHF AUGSBURG NUERNBERG AG
• [A] DE 1561068 B1 19700430 - KOENIG & BAUER SCHNELLPRESSFAB

Cited by
CN100402305C; FR2626812A1

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CH FR GB IT LI

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EP 0085752 A1 19830817; **EP 0085752 B1 19860903**; DE 3203948 A1 19830818; DE 3203948 C2 19840322; JP S58138647 A 19830817; US 4491070 A 19850101

DOCDB simple family (application)
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