

Title (en)

Offset printing machine for variable repeat distance with automatic loading and unloading of cylinders.

Title (de)

Offsetdruckmaschine für veränderliche Formate mit automatischem Laden und Entladen des Zylinders.

Title (fr)

Machine d'impression offset à format variable avec déchargement-chargement automatique des cylindres d'impression.

Publication

EP 0453973 A1 19911030 (FR)

Application

EP 91106279 A 19910419

Priority

CH 140290 A 19900425

Abstract (en)

[origin: CA2041145A1] The invention concerns an offset printing machine. Printing cylinders (PP', PB', CC') to be used for a new run are carried by a carriage (3) into the vicinity of the printing unit (G₂). The printing unit (G₂) is provided with two lateral movable arms (26) expected to automatically and successively transfer every printing cylinder (PP, PB, CC) from the printing unit (G₂) onto the carriage (3) and, inversely, the new cylinders (PP', PB', CC') from the carriage (3) onto the printing unit (G₂).

Abstract (fr)

L'invention concerne une machine d'impression offset. Des cylindres d'impression (PP', PB', CC') pour un nouveau travail sont amenés, au moyen d'un chariot (3) à proximité du groupe (G₂). Le groupe (G₂) est muni de deux bras latéraux mobiles (26) susceptibles de transférer automatiquement et successivement chaque cylindre d'impression (PP, PB, CC) du groupe (G₂) sur le chariot (3) et, inversement, les nouveaux cylindres (PP', PB', CC') du chariot (3) sur le groupe (G₂).

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IPC 8 full level

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CPC (source: EP US)

B41F 13/44 (2013.01 - EP US); **B41F 31/302** (2013.01 - EP US)

Citation (search report)

- [A] FR 2443930 A1 19800711 - DIDDE GLASER INC [US]
- [A] DE 1169959 B 19640514 - KOENIG & BAUER SCHNELLPRESSFAB

Cited by

DE102014108524A1; US5878666A; EP0788880A1; EP0639452A1; DE10257282A1; EP1757447A3; EP1016522A1; EP1352737A3; EP1559547A3; FR2718995A1; ES2120851A1; CN1085965C; US6230620B1; WO9850235A3

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