

Title (en)

Printing unit of a rotary printing machine

Title (de)

Druckeinheit einer Rollenrotationsdruckmaschine

Title (fr)

Unité d'impression d'une machine rotative d'impression

Publication

EP 1712355 A1 20061018 (DE)

Application

EP 06007161 A 20060405

Priority

DE 102005017181 A 20050413

Abstract (en)

The printing unit has several press units (11-14) and an impression cylinder (23) for each. A formed cylinder (15-18) bearing has several printing images arranged next to each other in an axial direction. Each printing image corresponds to a single color printed image applied to a printing material. The printing images on one of the cylinders are offset circumferentially with respect to each other so that deviations in the circumferential register between the single-color printed images applied by the respective press units are compensated for.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] EP 1314559 A1 20030528 - TOKYO KIKAI SEISAKUSHO LTD [JP]
- [A] US 2002148373 A1 20021017 - DUMAIS MARK BERNARD [US], et al
- [A] US 5205039 A 19930427 - TERNES JAMES [US]
- [E] DE 102005048619 A1 20060413 - KOENIG & BAUER AG [DE]

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CH DE GB IT LI

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AL BA HR MK YU

DOCDB simple family (publication)

EP 1712355 A1 20061018; **EP 1712355 B1 20080730**; **EP 1712355 B2 20141217**; CA 2541942 A1 20061013; DE 102005017181 A1 20061019; DE 502006001208 D1 20080911; US 2006230954 A1 20061019; US 7938064 B2 20110510

DOCDB simple family (application)

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