

Title (en)

Foil supplying for cold foil embossing

Title (de)

Folienzuführung für Kaltfolienprägung

Title (fr)

Transfert de feuille et gaufrage à froid

Publication

**EP 1676702 A1 20060705 (DE)**

Application

**EP 05027699 A 20051217**

Priority

DE 102004063188 A 20041229

Abstract (en)

The foil supply transfers layers on a printed sheet transparency according to a work order with a coating printed with an adhesive and a coating work (2). The coating work (2) contains an impression cylinder (4) and a press roll (3), which forms a common transfer gap (6). The transparency is conductible around the press roll (3), in such a manner that together with the coated side presented on the printed sheet with the impression cylinder (4) and under pressure with the printed sheet a transfer gap (6) is provided between the press roll and the impression cylinder (4). The layers after removal of the printed sheet and removal from the transfer gap (6) are removed from the transparency. The press roll has a smooth cover (10) and a mechanism is provided to reduce or abolition the adhesion of the surface of the cover opposite the transparency (5). An air film is provided to the transfer gap (6) for the production of an air layer between transfer foil (5) and surface of the printed sheet. An independent claim is included for a method.

IPC 8 full level

**B41F 16/00** (2006.01)

CPC (source: EP)

**B41F 16/00** (2013.01); **B41F 19/062** (2013.01); **B41P 2219/51** (2013.01)

Citation (applicant)

EP 0569520 B1 19960117 - CROS JEAN PIERRE [FR]

Citation (search report)

- [DA] FR 2672008 A1 19920731 - CROS JEAN PIERRE [FR]
- [A] US 6022429 A 20000208 - HAGSTROM ERICK [US]
- [A] US 5565054 A 19961015 - LAPPE KURT [DE], et al

Cited by

EP1769915A3; EP1997631A3; US10022939B1; US10556402B1; WO2008077496A2; WO2008077496A3; WO2009083088A1; DE102014009632A1; US9321258B2

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