

Title (en)

Coating device for a printing machine and relief printing plate

Title (de)

Beschichtungseinheit für eine Druckmaschine und Hochdruckplatte

Title (fr)

Dispositif de couchage pour une machine à imprimer et plaque d'impression typographique

Publication

EP 0931648 B1 20020403 (DE)

Application

EP 99100750 A 19990116

Priority

DE 29801017 U 19980123

Abstract (en)

[origin: EP0931648A1] The flexible relief printing form (17) is mounted on a form-cylinder (12), which is in contact with a printing cylinder of a printing machine and consists of at least three layers. The first layer, on the surface of the cylinder, is a dimensionally stable and flexible backing material (18) on which a second compressible layer (19) is tightly bonded, having good damping characteristics. A third, relief-forming layer (20), with printing surfaces (21), is tightly bonded to the second layer. Preferably, the first layer is at least partly metallic, e.g. of aluminium; the second layer is of an elastomer or a soft rubber; the third layer is subject to photopolymerisation. The form cylinder has clamping rails for attachment of the flexible form.

IPC 1-7

B41F 23/08; **B41N 1/22**; **B41F 27/14**

IPC 8 full level

B41N 1/06 (2006.01); **B41F 23/08** (2006.01); **B41F 27/14** (2006.01); **B41N 1/22** (2006.01)

CPC (source: EP)

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Citation (examination)

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Cited by

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