

Title (en)
Flexographic printing process

Title (de)
Flexodruckverfahren

Title (fr)
Procédé d'impression flexographique

Publication
EP 2604430 B1 20170524 (DE)

Application
EP 12193750 A 20121122

Priority
DE 102011121320 A 20111216

Abstract (en)
[origin: EP2604430A2] The process involves transferring a coating fluid from of a raster roller (1) directly on a rubbery-elastic circumferential surface (9) of a transfer cylinder (2). The fluid is transferred from the circumferential surface directly on a non-elastic circumferential surface (10) of a first cylinder (3). The fluid is transferred from the non-elastic surface directly on a flexographic printing mold (11) on a second cylinder (4). The fluid is transferred from the printing mold directly to a print material (12). The non-elastic surface is formed by a cylinder cover stretched on the first cylinder. The cylinder cover is formed by a print imageless lithographic printing plate. The print material is a paper web, a paper sheet or a cardboard sheet. The coating fluid is flexo-ink, UV-ink, pearlescent pigment, opaque white, metallic pigments, liquid crystals, magnet effect pigments or thymochrome ink.

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CPC (source: EP)
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