

Title (en)

Printing press roller with an ink-receptive coating

Title (de)

Druckmaschinenwalze mit einer farbfreundlichen Beschichtung

Title (fr)

Rouleau des presses avec un couchage amoureux de l'encre

Publication

**EP 0732206 B1 19991222 (DE)**

Application

**EP 96103727 A 19960309**

Priority

DE 19509741 A 19950317

Abstract (en)

[origin: EP0732206A2] The roller is used as an ink friction roller. The coating (3) is applied by thermic spraying and has a pref. thickness of 0.1 mm. The coating has a pref. surface roughness of  $R_2 = 8$  micrometres. It is a physical vapour deposition layer, an electron radiation vaporised layer, a chemical vapour deposition layer, or a plasma-supported chemical vapour deposition layer. The coating can be applied by a galvanic process, a diffusion coating process, a sinter process, a hot isostatic process, by explosive plating, or by a reactive process using conversion from either two fluid phases or two gas phases. After the coating process, the surface is ground and polished.

IPC 1-7

**B41F 31/26**; B41N 7/06

IPC 8 full level

**B41F 31/26** (2006.01); **B41N 7/06** (2006.01)

CPC (source: EP)

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