

Title (en)

Improved lithographic layer for printing blanked and blanked incorporating the same

Title (de)

Verbesserte lithographische Schicht für Drucktuch und Drucktuch das diese Schicht verwendet

Title (fr)

Couche lithographique perfectionnée pour blanchet d'impression et blanchet équipé de cette couche

Publication

**EP 0914966 A1 19990512 (FR)**

Application

**EP 98402732 A 19981102**

Priority

FR 9713978 A 19971106

Abstract (en)

The elastomer layer (4) is made slightly compressible by including a large number of cavities produced by microspheres (5). These are pre-expanded or are expanded inside the elastomer material e.g. by containing a solvent which expands at a temperature of 100 - 150 degrees C. The content of microspheres in the material is between 0.5 and 10 percent by weight and preferably 2 - 4 percent, while their diameter is between 10 and 30 microns. The thickness of the elastomer layer, which is in the form of a sleeve, is less than 0.7 mm and preferably 0.3 mm or less. In a variant the cavities can be created by chemical expansion of an elastomer layer during hardening.

Abstract (fr)

La présente invention concerne une couche lithographique perfectionnée pour blanchet d'impression ainsi qu'un blanchet équipé de cette couche. La couche lithographique en matériau élastomère selon cette invention est une couche rendue légèrement compressible par l'inclusion d'une multiplicité de vides ou microsphères (5) dans le matériau élastomère constituant la couche en matériau élastomère (4). Cette couche lithographique peut se présenter sous la forme d'un manchon formant la couche extérieure d'un blanchet d'impression. <IMAGE>

IPC 1-7

**B41N 10/02**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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