

Title (en)

Improved lithographic layer for printing blanket and blanket 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 B1 20020313 (FR)

Application

EP 98402732 A 19981102

Priority

FR 9713978 A 19971106

Abstract (en)

[origin: EP0914966A1] 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.

IPC 1-7

B41N 10/02

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR2809665A1; FR2809667A1; FR2809666A1; US7357078B2; US7727439B2; WO0192026A1; WO0192027A1; WO0192028A1; US7238257B2; DE102010055576A1

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