

Title (en)

Blanket having variable surface properties for a printing machine

Title (de)

Gummituch mit variablen Oberflächeneigenschaften für eine Druckmaschine

Title (fr)

Blanchet à propriétés de surface variables pour machine à imprimer

Publication

EP 1026004 B1 20040506 (FR)

Application

EP 00400293 A 20000203

Priority

FR 9901309 A 19990204

Abstract (en)

[origin: EP1026004A1] The blanket, having a rectified, polished or moulded lithographic layer, at least one reinforcing or supporting layer and at least one compressible layer, has one or more of its surface properties, especially its total surface energy, polar energy or average roughness varying in a transverse direction across the blanket's outer surface. The total surface energy varies, for example, between two end terminals by between 5 and 50 mJ/sq m, and preferably 10 - 20 mJ/sq m, or the surface roughness varies by between 0.3 and 2 microns. The surface property variation can be produced by photo-chemical etching, mechanical treatment e.g. by laser, or moulding.

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B41N 10/02; B41F 30/04

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

WO 9523706 A1 19950908 - REEVES BROS INC [US], et al

Cited by

FR2887490A1; AT501850A1; AU2006246340B2; WO2006119525A3; WO2006136718A1; EP1644201B2

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