

Title (en)
Printing cylinder for flexography

Title (de)
Druckzylinder für Flexodruck

Title (fr)
Cylindre d'impression pour flexographie

Publication
EP 1808293 A1 20070718 (DE)

Application
EP 06000667 A 20060113

Priority
EP 06000667 A 20060113

Abstract (en)
The cylinder (10) has a cylinder body made of a carbon fiber composite material and carrying a printing pattern on a peripheral surface (34) of the body. The printing pattern is formed by a jacket layer (36) made of polymer such as rubber and photo polymer, where the layer is formed with the cylinder body as a single piece. An intermediate layer is interposed between the peripheral surface of the cylinder body and the jacket layer. The intermediate layer consists of a material that is softer than the jacket layer.

Abstract (de)
Druckzylinder (10, 40) für Flexodruck, umfassend einen Zylinderkörper (20) aus einem Kohlefaser-Verbundmaterial, der auf seiner Umfangsoberfläche (34) eine Druckform trägt, dadurch gekennzeichnet, dass die Druckform durch eine Mantelschicht (36) aus einem Polymer gebildet wird, die einstückig mit dem Zylinderkörper (20) ausgebildet ist.

IPC 8 full level
B41C 1/05 (2006.01); **B41F 13/08** (2006.01); **B41N 1/12** (2006.01)

CPC (source: EP US)
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Citation (applicant)
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