

Title (en)

Sleeve for an intaglio printing cylinder, fabrication process therefore and working procedure of the manufacturing machine

Title (de)

Hülse für eine Tiefdruckwalze, Verfahren zu ihrer Herstellung und Arbeitsverfahren der Vorrichtung zur Herstellung

Title (fr)

Manchon pour cylindre d'impression en creux, procédé pour la fabrication de ce cylindre et procédé de fonctionnement de l'appareil pour la fabrication

Publication

EP 0787597 A3 19980107 (DE)

Application

EP 96117604 A 19961104

Priority

DE 19603500 A 19960131

Abstract (en)

[origin: EP0787597A2] The printing roll has a sleeve comprising a basic sleeve (1) made of glass fibre-reinforced plastics and additional layers. The roll axle and the basic sleeve are slightly tapered and the basic sleeve has an axial key (6) which engages a slot in the roll axle. Preferably the taper amounts to approximately 2 mm variation in diameter over the length of the sleeve. Additional layers for rotogravure printing comprise a layer of compressible material (2), layer of plastics foam (3), an aluminium tube (4), and an electrolytically deposited engravable copper layer (5). For flexographic printing, the outermost layer is made of a cast or rigid foam material.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

B41C 1/182 (2013.01 - EP US); **B41N 1/20** (2013.01 - EP US); **B41N 1/22** (2013.01 - EP US); **Y10T 29/49558** (2015.01 - EP US)

Citation (search report)

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