

Title (en)

Roller with a coating containing fluorinated polyolefin

Title (de)

Walze mit einem Bezug, der fluoriertes Polyolefin enthält

Title (fr)

Rouleau avec un revêtement contenant une polyoléfine fluorée

Publication

**EP 1120283 A1 20010801 (DE)**

Application

**EP 00250444 A 20001219**

Priority

DE 10002683 A 20000124

Abstract (en)

[origin: US2001051567A1] A roller comprising a roller core and a roller covering being composed of an elastomer or elastic plastic material is characterized in that the elastomer or elastic plastic material of the roller covering additionally comprises fluorinated polyolefin. Preferably, from 0.2 to 25% by weight of a fluorocarbon plastic, in particular of polytetrafluoroethylene powder or fiber, is incorporated into the roller coating material to improve the ink-repellent properties of the roller covering. In one embodiment, the fluorinated polyolefin is employed in the form of a fibrous material, e.g. a web or the like, provided with the coating material and wrapped around the roller to form a surface layer.

Abstract (de)

Bei Walzen mit einem Bezug aus einem elastomeren oder elastischen Kunststoffmaterial, das fluoriertes Polyolefin enthält, vorzugsweise 0,5 bis 25 Gew.-% Polytetrafluorethylen-Pulver oder -Fasern, zeichnet sich der Bezug durch besonders gute farbabweisende Eigenschaften aus. Derartige Walzen sind daher bei gleichbleibend guter Feuchtmittelübertragung besonders vorteilhaft als Feuchtwalzen in Offsetdruckmaschinen verwendbar.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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