

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 B1 20040707 (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.

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IPC 8 full level

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Citation (examination)

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Cited by

DE102007008719A1; DE102008035737A1; FR2832648A1; EP1657076A1; CN104610623A; US7717037B2; EP1334843B2

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