

Title (en)

Roll cover with friction-reducing filler

Title (de)

Walzenbezug mit reibungsverminderndem Füllstoff

Title (fr)

Revêtement pour rouleau comprenant une charge réduisant la friction

Publication

EP 1956141 B1 20091216 (DE)

Application

EP 08150908 A 20080131

Priority

DE 102007006821 A 20070207

Abstract (en)

[origin: EP1956141A1] The roller (1) has a roll cover (4) covering a generated surface of a cylindrical roller base (3), and comprising a top layer (7). The top layer lies outside, and is made from a material mixture (8) with a polymer material. A filler material (9) is sectionally embedded into the polymer material and formed from fluorine containing material e.g. polytetrafluoroethylene, polyvinylidene fluoride and fluorinated ethylene propylene. The filler material has a higher abrasion resistance and a smaller detention and sliding friction coefficient than the material mixing.

IPC 8 full level

D21G 1/02 (2006.01); **D21F 3/08** (2006.01)

CPC (source: EP)

D21F 3/08 (2013.01); **D21G 1/02** (2013.01); **D21G 1/0233** (2013.01); **D21H 23/58** (2013.01)

Cited by

CN103649411A; WO2013004732A1

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DOCDB simple family (publication)

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