

Title (en)

Roller and device equipped with such a roller for treating a textile fabric

Title (de)

Walze und damit ausgerüstete Vorrichtung zur Behandlung einer textilen Warenbahn

Title (fr)

Rouleau et dispositif comportant un tel rouleau pour le traitement d'une étoffe textile

Publication

EP 1234907 A3 20040526 (DE)

Application

EP 02003881 A 20020221

Priority

DE 20103276 U 20010224

Abstract (en)

[origin: EP1234907A2] A textile assembly has a brush-roller with lines of surface-mounted semi-flexible fingers (4) of equal length. When in rotation, the finger (4) tips impinge upon, bend and scrape against a passing textile web, and then self-erect without damage to the web. The fingers are fabricated of a polymer material with a Shore hardness of 55-65. The fingers are 30-150 mm long and are 3-12 mm in diameter. The fingers are either circular or square in cross-section. The fingers are arrayed on the drum in rows or in a helical pattern at intervals of from 1-10 mm.

IPC 1-7

D06C 11/00; **D06C 3/06**

IPC 8 full level

D06B 23/02 (2006.01); **D06C 3/06** (2006.01); **D06C 11/00** (2006.01)

CPC (source: EP)

D06B 23/02 (2013.01); **D06C 3/06** (2013.01); **D06C 11/00** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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