

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)

- [A] US 2466348 A 19490405 - ROY AMBYE ANTHON LE
- [A] GB 2109430 A 19830602 - TOYO MACHINERY CO
- [DA] US 3102320 A 19630903 - HAYES FRANK C
- [A] GB 2088424 A 19820609 - CARU & C SNC OFF MECC
- [A] DE 2825632 A1 19791213 - SISTIG KG LEO
- [A] FR 2621932 A1 19890421 - MULLER VOGEL BROSSES TECH [FR], et al
- [A] US 1661492 A 19280306 - STANISLAS MOREL

Cited by

ES2226588A1; WO2006048476A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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