

Title (en)

Comb bar for a suction nozzle for a workstation of a textile machine for creating cross-wound spools

Title (de)

Kammleiste für eine Saugdüse einer Arbeitsstelle einer Kreuzspulen herstellenden Textilmaschine

Title (fr)

Barre en peigne pour une buse d'aspiration d'un poste de travail d'une machine textile fabriquant des bobines croisées

Publication

EP 2574580 A3 20140305 (DE)

Application

EP 12006278 A 20120906

Previously filed application

102011114765 20111001 DE

Priority

DE 102011114765 A 20111001

Abstract (en)

[origin: EP2574580A2] The bar (19) has structured surfaces (32A, 32B) formed at a region of a chamfer of the bar during photochemical etching process. Contour edges are formed at a region of the structured surface and comprise undercuts. The structured surfaces are arranged at a distance above a teeth series (22) of a comb bar. The teeth series comprises large teeth and small teeth, and is arranged between the large teeth and the small teeth. A smooth comb bar region (34) is formed between the structured surfaces. The comb bar is formed of a spring steel sheet.

IPC 8 full level

B65H 67/08 (2006.01)

CPC (source: EP)

B65H 67/085 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [AD] EP 0398415 A1 19901122 - SAVIO SPA [IT]
- [AD] US 2857113 A 19581021 - WILHELM KUPPER
- [AD] DE 102006039735 A1 20080228 - OERLIKON TEXTILE GMBH & CO KG [DE]
- [A] JP S4844125 Y1 19731219
- [A] JP 2002080170 A 20020319 - MURATA MACHINERY LTD
- [A] EP 1882663 A2 20080130 - MURATA MACHINERY LTD [JP]

Cited by

EP4112522A1; IT202100016862A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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