

Title (en)

Apparatus for automatically removing residual lap from roving bobbins

Title (de)

Einrichtung zum selbsttätigen Entfernen von Vorgarnresten von Vorgarnhülsen

Title (fr)

Dispositif pour enlever automatiquement les résidus de mèches de bobines de mèche

Publication

EP 1000895 A3 20001108 (DE)

Application

EP 99121040 A 19991021

Priority

DE 19851751 A 19981110

Abstract (en)

[origin: EP1000895A2] The assembly to detach a roving residue (25) from roving bobbin sleeves has a color sensor (47) to register the color of the bobbin sleeve (24) in the working position, linked to a control (36). The control (36) has a unit to register the color of a sleeve (24) in the doffing position of the magazine (44) holding the empty sleeves (24). The color detection unit has a data store for bobbin sleeves (24) free of residual roving material, for comparison with the readings of the color sensor (48) at the magazine and the color sensor (47) which scans the bobbin sleeve (24) in the working position.

IPC 1-7

B65H 73/00; D01H 9/18; B65H 67/06; D01H 9/02

IPC 8 full level

B65H 63/08 (2006.01); **B65H 67/06** (2006.01); **B65H 73/00** (2006.01); **D01H 9/02** (2006.01); **D01H 9/18** (2006.01); **D01H 11/00** (2006.01)

CPC (source: EP US)

B65H 63/086 (2013.01 - EP US); **B65H 73/00** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [DY] EP 0727380 A1 19960821 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [Y] DE 4317266 A1 19931125 - MURATA MACHINERY LTD [JP]
- [A] US 5390868 A 19950221 - KIRIAKE MASAHARU [JP]

Cited by

CN112813546A; CN105645186A; CN108946330A; EP1843066A1; WO2019215024A1

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DOCDB simple family (application)

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