

Title (en)

Feeding assembly for machines treating multicolour wire-like elements and product obtained by said machines

Title (de)

Zuführanordnung für Maschinen zum Behandeln von mehrfarbigen Drähten sowie danach hergestelltes Produkt

Title (fr)

Ensemble d'alimentation pour machines de traitement de fils multicolores, et produit ainsi obtenu

Publication

EP 1378300 A3 20040707 (EN)

Application

EP 03001870 A 20030129

Priority

IT VI20020098 A 20020517

Abstract (en)

[origin: US2003213225A1] A feeding assembly (10) for machines (M) treating multicolor endless wire-like elements (21) is disclosed, comprising a frame (11) supporting a bobbin (12) on which the wire-like element (21) is wound, a driving unit (13) for the bobbin (12) to cause rotation of the wire-like element (21) around its longitudinal axis (X) and a detection unit (14) of the rotation of the wire-like element (21) around its axis (X). The detection unit is arranged downstream of the bobbin (12) and emits as an output (14a) a logic signal. A central unit (15) operatively connected to the detection unit (14) acquires and processes the logic signal and controls the driving unit (13). The detection unit (14) comprises an optical detector (30) with adjustable sensitivity for reading one of the colors.

IPC 1-7

B21L 11/00; **B21L 19/00**; **B21F 23/00**; **B21C 51/00**; **A44C 27/00**

IPC 8 full level

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CPC (source: EP US)

A44C 27/00 (2013.01 - EP US); **B21F 23/00** (2013.01 - EP US); **B21L 11/005** (2013.01 - EP US); **B21L 19/00** (2013.01 - EP US)

Citation (search report)

- [XA] US 5775088 A 19980707 - GROSZ ROBERT [US]
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- [X] DE 29906888 U1 19990701 - LOUIS FIESSLER & CO GMBH [DE]

Cited by

CN108294416A

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