Title (en)

Apparatus and method for guiding and cutting a continuously supplied thread

Title (de)

Vorrichtung und Verfahren zum Führen und Schneiden eines kontinuierlich zulaufenden Fadens

Title (fr)

Dispositif et procédé pour guider et couper un fil textile alimenté en continu

Publication

EP 0916612 B1 20030319 (DE)

Application

EP 98120681 A 19981105

Priority

• DE 19750510 A 19971114
• DE 19826536 A 19980615

Abstract (en)

[origin: EP0916612A2] The bobbin winder assembly, which is fed with a continuous yarn (1) for winding, has a yarn guide (18) which is in front of the rotating bobbin sleeve (13) in the direction of yarn travel, and the suction yarn catch unit (37) is after the sleeve. To sever the yarn, on a bobbin change, the yarn guide and suction unit are at a transfer plane. The transfer unit (42) has a grip arm (43), which moves parallel to the transfer plane, with its free end in the yarn path between the yarn guide and the full bobbin (24) detached from the friction drive roller (29). The suction unit is within the movement radius of the free end of the grip arm (43). The suction connection (39) and the cutter (38) are behind each other, on the transfer plane.

IPC 1-7

B65H 67/04; B65H 54/71

IPC 8 full level

B65H 51/16 (2006.01); **B65H 54/34** (2006.01); **B65H 54/40** (2006.01); **B65H 54/71** (2006.01); **B65H 65/00** (2006.01); **B65H 67/04** (2006.01)

CPC (source: EP US)

B65H 54/34 (2013.01 - EP US); **B65H 54/71** (2013.01 - EP US); **B65H 65/00** (2013.01 - EP US); **B65H 67/04** (2013.01 - EP US); B65H 2701/31 (2013.01 - EP US)

Cited by

EP1900670A1; CN112672965A; EP1046603A3; CN114291644A; US6457668B1; US6340126B1; WO0140093A1; WO0055084A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 98120681 A 19981105; CN 98122469 A 19981116; DE 59807530 T 19981105; JP 32223898 A 19981112; TR 9802303 A 19981112; TW 87118678 A 19981110; US 19118598 A 19981113