

Title (en)

Machine and method for winding a continuously supplied thread into bobbins

Title (de)

Spulmaschine und Verfahren zum Aufwickeln eines kontinuierlich zulaufenden Fadens zu Spulen

Title (fr)

Machine et procédé de bobinage pour un fil en déplacement continu

Publication

EP 0905077 A3 20000913 (DE)

Application

EP 98117914 A 19980922

Priority

DE 19743278 A 19970930

Abstract (en)

[origin: EP0905077A2] Rotation of the head (2) replaces the full tube (9) with an empty tube (8). Guides on the swing arm (20) control the path of the yarn (1) during the changeover. The arm carries a movable guide (23) to take the yarn out of the traverse guide (17) to the entrainment region (11) on the tube (8) and a fixed guide (24) to wind a bunch to secure the yarn end on the full bobbin. An Independent claim is also included for a winder with a swing arm (20) with yarn guides (23,24), operating in the gap (25) between the full bobbin (10) and the empty tube (8), which move the yarn to the entrainment region (11) without prior contact between the yarn and the empty tube.

IPC 1-7

B65H 65/00; **B65H 67/048**

IPC 8 full level

B65H 65/00 (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP KR US)

B65H 65/00 (2013.01 - EP KR US); **B65H 67/048** (2013.01 - EP KR US); **B65H 2701/31** (2013.01 - EP KR US)

Citation (search report)

- [DA] DE 19508032 A1 19950914 - BARMAG BARMER MASCHF [DE]
- [DA] DE 2907848 A1 19790830 - TORAY INDUSTRIES
- [A] EP 0768271 A2 19970416 - SAHM GEORG FA [DE]
- [A] EP 0690018 A2 19960103 - TORAY ENG CO LTD [JP]

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DOCDB simple family (publication)

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EP 98117914 A 19980922; AT 98117914 T 19980922; DE 19743278 A 19970930; DE 59808958 T 19980922; JP 27013598 A 19980924; KR 19980040929 A 19980930; TW 87115811 A 19980923; US 15365998 A 19980915