

Title (en)
High speed winder for non-extensible yarns.

Title (de)
Schnell-Spulmaschine für nicht-dehnbare Garne.

Title (fr)
Bobinoir à grande vitesse pour fils non extensibles.

Publication
EP 0013510 A1 19800723 (EN)

Application
EP 79303058 A 19791228

Priority
CA 319469 A 19790111

Abstract (en)
Yarn winding apparatus to produce a package with a conical end is known in which a friction roller (15) drives a rotatable package (11), the yarn Y being supplied over a disc (17) eccentrically mounted to rotate on an L-shaped lever (18) pivoted by a pin (19) to a vertically reciprocating layrail (20), the other end of the lever (18) having a slide block (22) running in a guide (23) which rotates round a pivot (24) as the package (11) increases in diameter. When used with substantially non-extensible yarn, the speed of rotation of the disc (17) is liable to vary considerably, causing unacceptable yarn package characteristics. The invention overcomes this problem by passing the yarn over a dancer roll (29) on its way to the disc (17). The dancer roll is mounted on a spring balancing means (31) which allows it to move towards and away from the disc.

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B65H 54/325 (2013.01); **B65H 57/28** (2013.01); **B65H 59/36** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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