

Title (en)

Carrier-roll winder and method for using carrier-roll winder

Title (de)

Tragrollenwickler und Verfahren zur Verwendung eines Tragrollenwicklers

Title (fr)

Enrouleur de rouleau support et procédé pour son utilisation

Publication

EP 2108606 A2 20091014 (EN)

Application

EP 09155962 A 20090324

Priority

FI 20085301 A 20080410

Abstract (en)

The present invention relates to a carrier-roll winder (10) which comprises at least two surface support elements (15, 20) to support at least one reel (25) being formed at least for part of the forming time of the reel substantially below it and at least one loading device (30) which is arranged to support said reel (25) at least for part of the forming time of the reel substantially above it, and in which the carrier-roll winder is provided with at least one drive (15.1, 20.1, 30.1) so that the drive (15.1, 20.1, 30.1) is arranged to apply tangential force to the reel (25) being wound. The carrier-roll winder (10) comprises a control arrangement (100) which is arranged to control said at least one drive (15.1, 20.1, 30.1) of the carrier-roll winder so that the drive provides the reel/reels (25) being wound with an effect diminishing the bouncing phenomenon.

IPC 8 full level

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CPC (source: EP FI)

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C-Set (source: EP)

B65H 2513/10 + **B65H 2220/02**

Citation (applicant)

- DE 2018494 A1 19711104 - JAGENBERG WERKE AG
- US 5878975 A 19990309 - STONE WILLIAM M [US], et al
- US 5971315 A 19991026 - KOJO TEPPPO [FI]
- EP 1790598 A2 20070530 - VOITH PATENT GMBH [DE]
- EP 0839743 A2 19980506 - VALMET CORP [FI]

Cited by

EP2341021A3; EP2341020A3; EP2813451A1; EP2610405A1; EP2813452A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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