

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 A3 20101110 (EN)**

Application

**EP 09155962 A 20090324**

Priority

FI 20085301 A 20080410

Abstract (en)

[origin: EP2108606A2] 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

**B65H 18/20** (2006.01)

CPC (source: EP FI)

**B65H 18/20** (2013.01 - EP FI); **B65H 18/26** (2013.01 - EP); **B65H 2301/4148** (2013.01 - EP); **B65H 2404/43** (2013.01 - EP); **B65H 2404/434** (2013.01 - EP); **B65H 2513/10** (2013.01 - EP); **B65H 2601/524** (2013.01 - EP)

Citation (search report)

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

Cited by

EP2341021A3; EP2341020A3; EP2610405A1; EP2813452A1; EP2813451A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2108606 A2 20091014**; **EP 2108606 A3 20101110**; **EP 2108606 B1 20171213**; FI 121460 B 20101130; FI 20085301 A0 20080410; FI 20085301 A 20091011

DOCDB simple family (application)

**EP 09155962 A 20090324**; FI 20085301 A 20080410