

Title (en)

Ribbon winding prevention method and apparatus

Title (de)

Verfahren und Vorrichtung zur Vermeidung von Bildwicklungen

Title (fr)

Procédé et dispositif pour éviter l'enroulage en rubans

Publication

**EP 1033340 A3 20001220 (EN)**

Application

**EP 00101861 A 20000131**

Priority

JP 4503399 A 19990223

Abstract (en)

[origin: EP1033340A2] A ribbon winding prevention method used when winding a yarn into a package P wound on a traverse drum 11 in which (1) disturb control such that the speed of the traverse drum 11 is varied slightly is performed from the start of winding (To) until a point (Ta) before the package reaches a diameter at which it tends to induce the formation of large ribbons (Tr), (2) disturb control is discontinued from that point (Ta) until another point (Tb) just before the package reaches the ribbon inducing diameter (Tr), and (3) disturb control such that the speed of the traverse drum 11 is varied greatly is performed from just before that point (Tb) until another point (Tc) after the package diameter has exceeded the point at which it induces large ribbons. <IMAGE>

IPC 1-7

**B65H 54/38**

IPC 8 full level

**B65H 54/38** (2006.01)

CPC (source: EP)

**B65H 54/38** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [A] US 5035370 A 19910730 - HERMANNS FERDINAND-JOSEF [DE]
- [A] US 5857638 A 19990112 - HERMANNS FERDINAND-JOSEF [DE], et al
- [A] US 4296889 A 19811027 - MARTENS GERHARD
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 603 (M - 1505) 5 November 1993 (1993-11-05)
- [AD] PATENT ABSTRACTS OF JAPAN vol. 011, no. 393 (M - 654) 23 December 1987 (1987-12-23)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1033340 A2 20000906; EP 1033340 A3 20001220; EP 1033340 B1 20030903**; DE 60004901 D1 20031009; DE 60004901 T2 20040722; JP 2000247544 A 20000912; JP 3700446 B2 20050928

DOCDB simple family (application)

**EP 00101861 A 20000131**; DE 60004901 T 20000131; JP 4503399 A 19990223