

Title (en)

Yarn winding method for take-up winder and take-up winder

Title (de)

Fadenwickelverfahren für eine Aufwickelmaschine und Aufwickelmaschine

Title (fr)

Procédé de bobinage de fil pour un bobinoir et bobinoir

Publication

EP 0963936 B1 20031203 (EN)

Application

EP 99107115 A 19990412

Priority

JP 16311398 A 19980611

Abstract (en)

[origin: EP0963936A1] To provide a take-up winder and a winding method for a take-up winder that prevent from forming a saddle bag shape of a package the present invention provides a winding method for a take-up winder wherein a traverse device 4 makes a continuously supplied yarn Y traverse and a contact roller 3 contacts a bobbin B so that the bobbin B rotates and a yarn Y is wound around the bobbin; and wherein the bobbin and the contact roller, which rotates the bobbin while contacting the bobbin, repeatedly contact each other and separate during winding. The present invention also provides a take-up winder wherein drive motors 10, 13 and 14 are provided for bobbin holders 11 and 12 that hold bobbins B and the contact roller 3, respectively, wherein a detection means is provided to detect the rotation speed of the bobbin holders, and wherein a control means is provided to control the rotation speed of the bobbin holders based on a value detected by the detection means. <IMAGE>

IPC 1-7

B65H 54/32; **B65H 67/048**

IPC 8 full level

B65H 54/46 (2006.01); **B65H 54/32** (2006.01); **B65H 54/38** (2006.01); **B65H 55/04** (2006.01); **B65H 67/044** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP KR)

B65H 54/32 (2013.01 - EP); **B65H 54/385** (2013.01 - EP); **B65H 67/044** (2013.01 - KR); **B65H 67/048** (2013.01 - EP);
B65H 2701/31 (2013.01 - EP)

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 0963936 A1 19991215; **EP 0963936 B1 20031203**; CN 1239064 A 19991222; CN 1262458 C 20060705; DE 69913248 D1 20040115; DE 69913248 T2 20040930; JP 3807468 B2 20060809; JP H11349222 A 19991221; KR 100337686 B1 20020522; KR 20000005595 A 20000125; TW 477773 B 20020301

DOCDB simple family (application)

EP 99107115 A 19990412; CN 99108006 A 19990604; DE 69913248 T 19990412; JP 16311398 A 19980611; KR 19990005570 A 19990219; TW 88101724 A 19990204