Title (en)

Method for winding filamentary material, continuously fed at preferably constant speed, in a stepped precision winding and winding device for carrying out the method.

Title (de)

Verfahren zum Aufspulen von kontinuierlich mit vorzugsweise konstanter Geschwindigkeit einer Spuleinrichtung zugeführtem, fadenförmigem Spulgut in gestufter Präzisionskreuzwicklung sowie Spuleinrichtung zur Durchführung des Verfahrens.

Title (fr)

Procédé pour le bobinage de matériau fileforme, alimenté en continu de préférence à vitesse constante, en enroulement de précision étagée et dispositif de bobinage pour la mise en oeuvre de ce procédé.

Publication

EP 0562296 B1 19950726 (DE)

Application

EP 93102947 A 19930225

Priority

DE 4208393 A 19920316

Abstract (en)

[origin: EP0562296A1] A method for winding filamentary winding material, continuously fed at a preferably constant speed to a winding device, in a stepped precision winding provides that the rotational speed of the bobbin (2) is detected by a first sensor (3) and the rotational speed of the drive (4) of the traversing thread guide (5) is detected by a second sensor (6), the rotational speeds are compared with one another and the drive (4) of the traversing thread guide (5) is regulated in dependence thereon. The drive (1) of the bobbin (2) is regulated in such a way that the winding speed of the winding material on the bobbin (2) corresponds to the speed of the continuously fed winding material during the entire winding trip. <IMAGE>

IPC 1-7

B65H 54/38

IPC 8 full level

D01H 1/36 (2006.01); **B65H 54/38** (2006.01); **D01H 7/50** (2006.01); **D01H 13/06** (2006.01)

CPC (source: EP KR)

B65H 54/08 (2013.01 - KR); **B65H 54/383** (2013.01 - EP); **B65H 54/40** (2013.01 - KR); B65H 2701/31 (2013.01 - EP KR)

Cited by

CN100384709C; DE10209851A1; EP0950627A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0562296 A1 19930929; **EP 0562296 B1 19950726**; AT E125515 T1 19950815; DE 4208393 A1 19930923; DE 59300392 D1 19950831; JP H06200428 A 19940719; KR 930019535 A 19931018; TW 213889 B 19931001

DOCDB simple family (application)

EP 93102947 A 19930225; AT 93102947 T 19930225; DE 4208393 A 19920316; DE 59300392 T 19930225; JP 5241893 A 19930312; KR 930003883 A 19930315; TW 82101846 A 19930312