

Title (en)

METHOD AND DEVICE FOR POSITIONING SEVERAL TUBES IN A WINDING MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM POSITIONIEREN MEHRERER HÜLSEN IN EINER SPULMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE POSITIONNEMENT DE PLUSIEURS TUBES DANS UNE BOBINEUSE

Publication

EP 1660400 B1 20101110 (DE)

Application

EP 04764783 A 20040903

Priority

- EP 2004009827 W 20040903
- DE 10340481 A 20030903

Abstract (en)

[origin: WO2005023694A1] Disclosed are a method and a device for positioning several tubes (8) in a winding machine (1). Tubes (8) used for winding up bobbins on winding machines (1) are provided with a take-up means (8.1), with the aid of which the thread is taken up on the tube (8) at the beginning of the winding process. Coaxially arranging several tubes (8) behind each other is problematic insofar as tolerances in the length of the tubes (8) result in a positioning error of the take-up means (8.1), thereby decreasing the take-up accuracy. In the inventive method and the inventive device, the tubes (8) are separated and moved to a setpoint position after being slid onto the clamping chuck (7). For this purpose, guiding means (11) act upon the tubes (8) which can be positioned on the clamping chuck (7) individually or several at a time.

IPC 8 full level

B65H 67/04 (2006.01)

CPC (source: EP KR)

B65H 67/04 (2013.01 - KR); **B65H 67/0417** (2013.01 - EP); **B65H 67/056** (2013.01 - KR); **B65H 2701/31** (2013.01 - EP)

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

WO 2005023694 A1 20050317; CN 100418868 C 20080917; CN 1845867 A 20061011; DE 502004011880 D1 20101223; EP 1660400 A1 20060531; EP 1660400 B1 20101110; JP 2007504070 A 20070301; KR 20060119933 A 20061124

DOCDB simple family (application)

EP 2004009827 W 20040903; CN 200480025412 A 20040903; DE 502004011880 T 20040903; EP 04764783 A 20040903; JP 2006525718 A 20040903; KR 20067004435 A 20060303