

Title (en)
METHOD OF CONTROLLING THE ROTARY DRIVE IN A WINDING MACHINE

Title (de)
VERFAHREN ZUM STEUERN DES DREHANTRIEBS EINER AUFSPULMASCHINE

Title (fr)
PROCEDE DE COMMANDE DE L'ENTRAINEMENT ROTATIF D'UNE BOBINEUSE

Publication
EP 0770030 B1 19981014 (DE)

Application
EP 95925802 A 19950703

Priority
• DE 4423491 A 19940705
• EP 9502553 W 19950703

Abstract (en)
[origin: US5775610A] PCT No. PCT/EP95/02553 Sec. 371 Date Dec. 30, 1996 Sec. 102(e) Date Dec. 30, 1996 PCT Filed Jul. 3, 1995 PCT Pub. No. WO96/01222 PCT Pub. Date Jan. 18, 1996 For controlling a rotary drive of a turntable which supports at least one bobbin spindle of a bobbin winding machine, a diameter of the bobbin package is calculated by forming a quotient from a product of a speed of rotation of a contact roller and a diameter of the contact roller in respect to a speed of rotation of the bobbin spindle which supports the bobbin package, the angular position of the bobbin spindle supporting the bobbin package on its circle of rotation is determined, in which the circumference of the bobbin package is in circumferential contact with the contact roller, from the calculated diameter of the bobbin package, and the rotary drive of the turntable is controlled so that the bobbin spindle supporting the bobbin package assumes the calculated angular position on its circle of rotation.

IPC 1-7
B65H 54/52

IPC 8 full level
B65H 54/02 (2006.01); **B65H 54/52** (2006.01); **B65H 59/38** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP US)
B65H 54/52 (2013.01 - EP US); **B65H 67/048** (2013.01 - EP US); **B65H 2511/212** (2013.01 - EP US); **B65H 2557/24** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by
DE19945823C1; DE10207900A1; EP1338544A3; US6390407B1

Designated contracting state (EPC)
AT BE CH DE IT LI

DOCDB simple family (publication)
US 5775610 A 19980707; AT E172170 T1 19981015; CN 1065507 C 20010509; CN 1152901 A 19970625; DE 4423491 A1 19960111; DE 59503936 D1 19981119; EP 0770030 A1 19970502; EP 0770030 B1 19981014; JP 2798508 B2 19980917; JP H09507822 A 19970812; KR 100237707 B1 20000115; WO 9601222 A1 19960118

DOCDB simple family (application)
US 76559996 A 19961230; AT 95925802 T 19950703; CN 95193951 A 19950703; DE 4423491 A 19940705; DE 59503936 T 19950703; EP 9502553 W 19950703; EP 95925802 A 19950703; JP 50367095 A 19950703; KR 19960707564 A 19961230