

Title (en)
Bobbin winding machine and method for controlling the winding machine

Title (de)
Aufspulmaschine und Verfahren zur Steuerung einer Aufspulmaschine

Title (fr)
Bobinoir et procédé pour la commande de l'embobinage

Publication
EP 1106557 B1 20040519 (DE)

Application
EP 00125304 A 20001128

Priority
DE 19959382 A 19991209

Abstract (en)
[origin: EP1106557A2] A bobbin wind-up machine (1) takes up a feed of a synthetic thread (5). The machine has several motor (8,14) driven rotating components (2,9) whose movement is regulated by a control system (17). The control system incorporates programmable logic control (17) (PLC) components (19) which also have a data read-out display or record.

IPC 1-7
B65H 54/70; **G05B 19/12**

IPC 8 full level
B65H 54/02 (2006.01); **B65H 54/22** (2006.01); **B65H 54/70** (2006.01); **D01D 5/08** (2006.01); **D01D 7/00** (2006.01); **G05B 19/12** (2006.01)

CPC (source: EP KR US)
B65H 54/22 (2013.01 - KR); **B65H 54/70** (2013.01 - EP US); **B65H 2402/60** (2013.01 - EP US); **B65H 2557/65** (2013.01 - EP US);
B65H 2557/652 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by
DE10308386C5; EP1939123A1; US7181311B2; WO2004076143A3

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EP 1106557 A2 20010613; **EP 1106557 A3 20020918**; **EP 1106557 B1 20040519**; CN 1195665 C 20050406; CN 1298833 A 20010613;
DE 50006476 D1 20040624; JP 2001206632 A 20010731; KR 20010062268 A 20010707; TW 474889 B 20020201; US 6513749 B1 20030204

DOCDB simple family (application)
EP 00125304 A 20001128; CN 00135279 A 20001208; DE 50006476 T 20001128; JP 2000372605 A 20001207; KR 20000074672 A 20001208;
TW 89125473 A 20001130; US 72393500 A 20001128