

Title (en)

APPARATUS FOR CONTROLLING THE BOBBIN PRESSURE ON A PRESSING ROLLER

Publication

EP 0351672 B1 19931006 (DE)

Application

EP 89112461 A 19890707

Priority

CH 280588 A 19880722

Abstract (en)

[origin: EP0351672A1] The bearing pressure exerted onto the roller (1) during the winding of a bobbin (2) is controlled by means of a control device in which the roller (1) is mounted on a balance arm (6). The deviation of the balance arm (6) from its desired position is determined by a sensor (13) and converted in a controller (14) into a correcting movement of an adjusting device (17). The adjusting device (17) is a spindle drive having a spindle nut (18) and a spindle (20), the motor (21) of which is controlled by the controller (14). By means of the control device, which is designed as an automatic control system, the bearing pressure can be maintained very exactly during the entire winding operation irrespective of the specific weight of the bobbin (2). <IMAGE>

IPC 1-7

B65H 54/52

IPC 8 full level

B65H 54/52 (2006.01)

CPC (source: EP US)

B65H 54/52 (2013.01 - EP US); **B65H 2515/34** (2013.01 - EP US); **B65H 2601/524** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

CN102249118A; FR2681586A1; DE4240920A1; US11142427B2; EP1741655A1; EP0431948A3; EP0561128A1; CH715345A1; DE19817363A1; US6135383A; EP0875377A1; US11203508B2; WO2007006475A1; WO2019007729A1

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