

Title (en)

Winding shaft with clamping device for cardboard winding tubes.

Title (de)

Wickelwelle mit Spannvorrichtung für Wickelhülsen aus Karton.

Title (fr)

Arbre de bobinage avec dispositif de serrage pour tubes de bobinage en carton.

Publication

**EP 0539771 B1 19941221 (DE)**

Application

**EP 92117105 A 19921007**

Priority

DE 4135892 A 19911031

Abstract (en)

[origin: EP0539771A1] The winding shaft (5, 6), in particular for receiving a cylinder washing cloth (7) of a cylinder washing device in printing machines, has radially acting, elastically deformable clamping elements (15, 16 and 17, 18) which effect a torque-transmitting frictional connection between the winding shaft (5, 6) and the winding sleeve (9, 10) pushed onto the winding shaft (5, 6). The clamping elements (15, 16 and 17, 18) are annular in design and are arranged on the winding shaft (5, 6) between axially pressure-resistant sleeves (19 and 20) which can be clamped with respect to one another and end parts (11, 12 and 13, 14) which are made of rigid material, and can be axially clamped with respect to one another by means of a clamping bar (21 and 22). <IMAGE>

IPC 1-7

**B65H 75/24**; **B65H 18/04**; **B65H 16/02**

IPC 8 full level

**B41F 35/06** (2006.01); **B65H 16/02** (2006.01); **B65H 18/04** (2006.01); **B65H 18/06** (2006.01); **B65H 75/24** (2006.01)

CPC (source: EP US)

**B41F 35/06** (2013.01 - EP US); **B65H 75/245** (2013.01 - EP US); **B65H 2301/41306** (2013.01 - EP US)

Cited by

EP0816079A3; EP0741036A3; EP0611651A1; US5425309A; US6588338B2; WO0151283A1; US6176183B1; US6219879B1

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