

Title (en)  
Winding apparatus.

Title (de)  
Aufspulmaschine.

Title (fr)  
Machine de bobinage.

Publication  
**EP 0374536 B1 19940330 (DE)**

Application  
**EP 89121960 A 19891128**

Priority  
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• DE 3909106 A 19890320

Abstract (en)  
[origin: EP0374536A2] Winding apparatus for a continuously running thread <??>The winding apparatus has a bobbin revolver (18), on which two bobbin spindles (5.1) and (5.2) are mounted for alternate operation. The bobbin spindle currently in winding operation rests with its circumference on a contact cylinder (11). The bobbin revolver is rotatable to adapt the axial distance between the contact cylinder and the bobbin spindle to the growing diameter of the bobbin. <??>The contact cylinder (11) is movable. A sensor (52) scans the movement and controls the rotational movement of the bobbin revolver (18). <IMAGE>

IPC 1-7  
**B65H 54/52**; **B65H 67/048**

IPC 8 full level  
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CPC (source: EP KR US)  
**B65H 54/28** (2013.01 - KR); **B65H 54/346** (2013.01 - EP US); **B65H 54/52** (2013.01 - EP US); **B65H 54/72** (2013.01 - EP US); **B65H 65/00** (2013.01 - EP US); **B65H 67/048** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by  
US5785265A; US6070827A; DE102005005129B4; DE4316566C2; US5927636A; US6105896A; EP0963936A1; US5526995A; EP0606900A3; US5558286A; US6024320A; EP0943573A3; KR100447521B1; DE4423491A1; CN1065507C; EP0673872A3; CN1085609C; US6053449A; US6047915A; DE19538480C1; FR2681586A1; EP0460546A3; DE19538480C2; EP0768271A3; US6241177B1; EP0825143A2; WO9912837A1; WO9601222A1; WO9924344A1; WO9317949A1; EP0450085B1; DE202010008846U1; DE102022002512A1; WO2024012929A1; EP2739555B1

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