

Title (en)  
DEVICE FOR EXCHANGING BOBBINS ON A SPINNING FRAME

Publication  
**EP 0331638 B1 19911211 (DE)**

Application  
**EP 89810150 A 19890227**

Priority  
CH 74388 A 19880229

Abstract (en)  
[origin: US4901516A] The spinning device comprises a vertically displaceable spindle bearing plate (2) carrying a rotatable spindle (1), and a cap-shaped thread guide member (6) rotatable about the spindle axis. The bobbin changer has a supporting element (11) and a bobbin holder element (10) which are movable transversely to the spindle axis. An extension (9) is releasably mounted on the top end of the spindle (1) and/or of a bobbin tube (8) placed on the spindle. Once the bobbin tube (8) has been fully wound with yarn, a short yarn section is wound onto this extension (9), and then the spinning device is shut off. The spindle bearing plate (2) is lowered, and the supporting element (11) is moved toward the spindle axis in order to seize the extension (9). The spindle bearing plate (2) is lowered further, and the bobbin holder element (10) is moved toward the spindle axis, seizes the fully wound bobbin tube (8), and transfers the latter to a conveying means (14, 15). Subsequently, the bobbin holder element (10) moves an empty bobbin tube (8) from the conveying means (14, 15) into the axis of the spindle. Then the spindle bearing plate (2) is lifted in order to introduce the spindle (1) into the empty bobbin tube (8). The supporting element (11) places the extension (9) onto the upper end of the bobbin tube (8) and withdraws.

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**D01H 9/04**

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