

Title (en)  
CENTRIFUGALLY ACTIVATED BOBBIN COUPLING

Title (de)  
FLIEHKRAFT AKTIVIERTE HÜLSENKUPPLUNG

Title (fr)  
ACCOUPLEMENT A DOUILLES ACTIVE PAR LA FORCE CENTRIFUGE

Publication  
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Application  
**EP 05730000 A 20050414**

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Abstract (en)  
[origin: WO2006002700A1] The invention relates to a bobbin coupling for spindles of a textile machine. Said bobbin coupling comprises coupling buttons (1), which are inserted into radially orientated, undercut bores (6) in the shaft of the spindle (7). The respective coupling button (1) can be displaced in the bore (6) and is pressed by its outwards facing end against the inner wall of a bobbin (11) that has been placed on the spindle (7) with the aid of centrifugal force, to create a frictional connection between the rotating spindle (7) and the bobbin (11). The coupling button (1) comprises a groove (2), which runs around the periphery and into which a separate spring element is inserted. The spring element can be lowered into the groove (2) to mount the coupling button (1) and engages behind the undercut (10) once mounted. The bobbin coupling is used in spindles for spinning and winding machines.

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