

Title (en)  
Winding machine with a package tubes securing device

Title (de)  
Spulmaschine mit einer Spulenhülsen-Spanneinrichtung

Title (fr)  
Bobinoir avec un dispositif de serrage de tubes de bobine

Publication  
**EP 3067305 B1 20180418 (DE)**

Application  
**EP 15158297 A 20150309**

Priority  
EP 15158297 A 20150309

Abstract (en)  
[origin: WO2016142114A1] The invention relates to a bobbin case clamping device (26) for a winding machine. Clamping of a bobbin is achieved in the region of a contact surface (73) by means of the bobbin case clamping device (26). The contact surface (73) can be pressed radially outwards against an inner surface of the bobbin in order to produce a clamping position. A rotational motion and/or an oscillatory motion can be transferred from the bobbin case clamping device (26) to the bobbin via the contact surface (73). According to the invention, the contact surface (73) is formed by a lateral surface (66) of a clamping sleeve (22). The contact surface (73) formed by the clamping sleeve (22) can be radially deformed by a radial actuating force, which is applied, in particular, on an inclined surface (40) such that a clamping force is produced or eliminated.

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**B65H 54/2803** (2013.01 - EP); **B65H 54/543** (2013.01 - EP); **B65H 75/2455** (2021.05 - EP US); **B65H 2701/30** (2013.01 - EP)

Citation (examination)

- EP 2939970 A1 20151104 - PAPER CONVERTING MACHINE CO [IT]
- WO 0073191 A2 20001207 - PPG IND OHIO INC [US]

Cited by  
CN113213255A; CN109941818A; CN111137737A; CN106698079A

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