

Title (en)  
Winder

Title (de)  
Wickler

Title (fr)  
Bobineuse

Publication  
**EP 2392532 B1 20140305 (EN)**

Application  
**EP 11166875 A 20110520**

Priority  
JP 2010129624 A 20100607

Abstract (en)  
[origin: EP2392532A2] In a winder 1, as an amount of yarns Y wound onto bobbins B increases, a turret table 3 rotates in the direction in which a bobbin holder 2 moves away from a contact roller 11. A tilt mechanism 5 transfers, by a cam 31, a cam rod 32, a force multiplying arm 33, a tie rod 34, and a tilt arm 35, the rotation of the turret table 3 to a guide shaft 13 elevatably supports a supporting member 12, so as to tilt the guide shaft 13. As a result, as the amount of the yarns Y wound onto the bobbins B attached to the bobbin holder 2 is increased and the bobbin holder 2 is warped, the contact roller 11 supported by the supporting member 12 is tilted.

IPC 8 full level  
**B65H 54/52** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP)  
**B65H 54/52** (2013.01); **B65H 67/048** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
EP3357847A1; EP3412611A1; CN113195390A; WO2020126724A1

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DOCDB simple family (publication)  
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