

Title (en)  
WINDING MACHINE FOR AUTOMATIC BOBBIN CHANGING

Publication  
**EP 0072908 B1 19850306 (DE)**

Application  
**EP 82106071 A 19820707**

Priority  
DE 3132853 A 19810820

Abstract (en)  
[origin: US4491282A] A winding machine for automatic spool exchange has a spool switching element with alternately operating clamping pins for receiving spool sleeves, a traverse motion guiding element, an element for removing threads from the traverse motion guiding element and their displacing from a traverse motion region to a knot winding region, and elements shiftable during spool exchange to their operational position and including an upper axis-parallel thread guiding member with an abutment in the knot winding region, a lower axis-parallel thread guiding member with a further abutment in the traverse motion region, a finger displaceable along the upper guiding member to the vicinity of the first mentioned abutment, and a further finger displaceable outwardly along the lower thread guiding member to over an end of a sleeve.

IPC 1-7  
**B65H 67/04**

IPC 8 full level  
**B65H 67/04** (2006.01); **B65H 65/00** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP US)  
**B65H 57/003** (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  
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BE CH DE FR GB IT LI NL

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**EP 0072908 A1 19830302; EP 0072908 B1 19850306**; DE 3132853 A1 19830303; DE 3262492 D1 19850411; JP S5895075 A 19830606; JP S6225584 B2 19870603; US 4491282 A 19850101

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**EP 82106071 A 19820707**; DE 3132853 A 19810820; DE 3262492 T 19820707; JP 14456982 A 19820820; US 40866082 A 19820816