

Title (en)
Automatic winder

Title (de)
Automatische Wickelmaschine

Title (fr)
Bobinoir automatique

Publication
EP 1092667 A2 20010418 (EN)

Application
EP 00121696 A 20001004

Priority
• JP 29082299 A 19991013
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Abstract (en)
The present invention provides an automatic winder that eliminates the need to attach and remove a tray guide, as required in the prior art, and that can increase a tilting angle of a standing frame. The automatic winder has winding units 14 each comprising a bobbin supply and ejection device 17, a yarn joining device 18, and a winding device 19. The winding unit 14 is divided into a lower part 21 including the bobbin supply and ejection device 17 and an upper part 20 including the yarn joining device 18 and the winding device 19. The upper part 20 can be tilted from a winding position A where it is stood up to a tilted position C where it is tilted toward an operation passage side F. <IMAGE>

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B65H 54/72; **B65H 54/70**

IPC 8 full level
B65H 54/70 (2006.01); **B65H 54/72** (2006.01)

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Cited by
US10947082B2; CN115285797A; EP3561162A1; CN103130035A; CN102995175A; EP2570375A3; CN109476437A; JP2019520287A; US8042760B2; WO2018011002A1; US7735956B2

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