

Title (en)

Automatic winder and its winding unit

Title (de)

Automatische Wickelmaschine und ihre Aufspuleinheit

Title (fr)

Bobinoir automatique et son unité de bobinage

Publication

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Application

EP 05017384 A 20001004

Priority

- EP 00121696 A 20001004
- JP 29082299 A 19991013
- JP 29082399 A 19991013

Abstract (en)

[origin: EP1092667A2] 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>

IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 1092667 A2 20010418; **EP 1092667 A3 20020619**; **EP 1092667 B1 20051228**; DE 60025118 D1 20060202; DE 60025118 T2 20060831; DE 60037693 D1 20080214; DE 60037693 T2 20090102; EP 1616827 A1 20060118; EP 1616827 B1 20080102

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