

Title (en)

Yarn setting method to winding tube in automatic winder and automatic winder

Title (de)

Verfahren zum Anlegen eines Garnes an eine Spulhülse in einer automatischen Aufwickelmaschine und automatische Aufwickelmaschine

Title (fr)

Procédé pour amener le fil au noyau d'une bobine dans un bobinoir automatique et bobinoir automatique

Publication

**EP 1236668 A2 20020904 (EN)**

Application

**EP 02002723 A 20020206**

Priority

- JP 2001054553 A 20010228
- JP 2001265275 A 20010903

Abstract (en)

The object of the present invention is to provide a yarn setting method to the winding tube in the automatic winder and the automatic winder capable of carrying out the setting work of the yarn of the yarn supplying body to the winding tube smoothly and speedily without adding a special device. The automatic winder 1 of the yarn setting method is provided with winding units 2 arranged in a plurality wherein each winding unit 2 includes the lower yarn trapping-leading member 22 for trapping the yarn of the yarn supplying body 5 and leading to the yarn joining device 20, and forms the yarn winding body 6 by winding up the yarn of the yarn supplying body 5 to a winding tube 7. In addition, such automatic winder comprises the doffing device 3 which runs along the plurality of winding units 2, and according to the demand signal from the winding unit 2, arrives at the winding unit 2 which transmitted the demand signal, and by picking up the yarn of the yarn supplying body 5 trapped by the lower yarn trapping-leading member 22, sets the yarn to the winding tube set in the winding unit (Fig. 1). <IMAGE>

IPC 1-7

**B65H 65/00**; **B65H 67/04**; **B65H 54/26**

IPC 8 full level

**B65H 54/26** (2006.01); **B65H 65/00** (2006.01); **B65H 67/04** (2006.01); **D01H 13/24** (2006.01); **D01H 15/00** (2006.01)

CPC (source: EP)

**B65H 54/26** (2013.01); **B65H 65/00** (2013.01); **B65H 67/04** (2013.01); **B65H 2701/31** (2013.01)

Cited by

DE102008050070A1; CN111908259A; CN104671000A; EP3312116A1; CN102126647A; EP1712504A3; EP1712509A3

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

**EP 1236668 A2 20020904**; **EP 1236668 A3 20021030**; **EP 1236668 B1 20050727**; DE 60205147 D1 20050901; DE 60205147 T2 20060524; JP 2002326767 A 20021112; JP 3646682 B2 20050511

DOCDB simple family (application)

**EP 02002723 A 20020206**; DE 60205147 T 20020206; JP 2001265275 A 20010903