

Title (en)

Doffing device for an automatic winder

Title (de)

Abnahmevorrichtung für eine automatische Spulmaschine

Title (fr)

Dispositif pour le changement d'un bobinoir automatique

Publication

EP 1721854 A1 20061115 (EN)

Application

EP 06005505 A 20060317

Priority

- JP 2005136841 A 20050510
- JP 2006021877 A 20060131

Abstract (en)

The present invention provides a doffing device (1) for an automatic winder which has the ability to carry out bunch winding for winding packages requiring bunch winding, while reliably winding a yarn end around an intermediate portion of an empty tube for winding packages not requiring bunch winding. The doffing device (1) has bunch winding forming means (BBA) for forming a bunch winding portion around one end of an empty tube (T), straight winding forming means (BAA) for winding a yarn around an intermediate portion of the empty tube (T), and switching means for selecting either the bunch winding forming means or the straight winding forming means to form a desired wound yarn.

IPC 8 full level

B65H 54/34 (2006.01)

CPC (source: EP)

B65H 54/343 (2013.01); **B65H 65/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

- JP 2000255901 A 20000919 - MURATA MACHINERY LTD
- JP H0717312 A 19950120 - APRICA KASSAI KK

Citation (search report)

- [X] US 5653395 A 19970805 - IWADE TAKASHI [JP], et al
- [DX] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 12 3 January 2001 (2001-01-03)

Designated contracting state (EPC)

DE IT

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DOCDB simple family (publication)

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DOCDB simple family (application)

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