

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)

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DE IT

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AL BA HR MK YU

DOCDB simple family (publication)

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