

Title (en)

Textile machine having doffing device

Title (de)

Textilmaschine mit Abnahmevorrichtung

Title (fr)

Machine textile comportant un dispositif d'enlèvement

Publication

EP 1864931 A1 20071212 (EN)

Application

EP 07009247 A 20070508

Priority

JP 2006137060 A 20060516

Abstract (en)

A problem with the conventional art is that in setting a target for a doffing operation, an attempt to reduce burdens on a traveling controlling mechanism of a doffing device may reduce the operational efficiency of winding units. The present invention provides a winding state recognizing means 30b for recognizing the winding length of a package 7 in each of winding units 2 to be longer or shorter, a target setting means 30c for setting the winding unit on which a doffing operation is to be executed by giving top priority to those winding units 2 which have a winding length corresponding to a full package and giving the second priority to winding units 2 with near full packages, and an operation standby means 30d for causing a doffing device 3 to stand by without performing a doffing operation after the doffing device 3 reaches the winding unit 2 on which a doffing operation is to be executed and until the package 7 being formed in the winding unit 2 becomes full (Fig. 5A, 5B).

IPC 8 full level

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CPC (source: EP)

B65H 54/26 (2013.01); **D01H 9/02** (2013.01); **D01H 9/10** (2013.01); **D01H 13/005** (2013.01)

Citation (search report)

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