

Title (en)

Device and process for the handling and control of the yarn in a crosswinding head of a crosswinding machine in bobbin doffing operations

Title (de)

Vorrichtung und Verfahren zum Handhaben und Steuern eines Fadens in einem Kreuzwickelkopf einer Kreuzwickelmaschine beim Auswechseln von Spulen

Title (fr)

Dispositif et procédé de manipulation et de réglage du fil dans une tête de bobinage à spires croisées d'une machine de bobinage à spires croisées lors du changement de bobines

Publication

EP 1712504 B1 20100707 (EN)

Application

EP 06111795 A 20060328

Priority

IT MI20050629 A 20050413

Abstract (en)

[origin: US2006230738A1] The invention relates to a device and a process for the handling and control of the yarn (1) in a crosswinding head of a crosswinding machine in bobbin (2) doffing operations, said crosswinding machine being equipped with a series of crosswinding heads and at least one service trolley (13), in which the yarn (1) run is moved to a definite position, near the end portion of its course from the pirn to the bobbin (2) and the yarn (1) is subsequently drawn from a handling device (12) of the service trolley (13), cut and, after removal of the bobbin (2), its end coming from the pirn, is arranged on a new winding tube.

IPC 8 full level

B65H 67/08 (2006.01); **B65H 65/00** (2006.01); **B65H 67/04** (2006.01)

CPC (source: EP US)

B65H 54/26 (2013.01 - EP US); **B65H 65/00** (2013.01 - EP US); **B65H 67/081** (2013.01 - EP US); **B65H 67/085** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE IT LI TR

DOCDB simple family (publication)

US 2006230738 A1 20061019; CN 1847128 A 20061018; CN 1847128 B 20110720; DE 602006015249 D1 20100819; EP 1712504 A2 20061018; EP 1712504 A3 20080326; EP 1712504 A8 20081008; EP 1712504 B1 20100707; IT MI20050629 A1 20061014

DOCDB simple family (application)

US 39151506 A 20060328; CN 200610073628 A 20060413; DE 602006015249 T 20060328; EP 06111795 A 20060328; IT MI20050629 A 20050413