

Title (en)

Device for the automatic doffing of bobbins in a crosswinding machine

Title (de)

Vorrichtung zur automatischen Abnahme von Spulen in einer Kreuzspulmaschine

Title (fr)

Dispositif de changement automatique de bobines d'une machine d'ensouplage croisé

Publication

EP 1712508 B1 20080618 (EN)

Application

EP 06111731 A 20060327

Priority

IT MI20050630 A 20050413

Abstract (en)

[origin: EP1712508A1] The invention relates to a device for the automatic doffing of bobbins in a crosswinding machine, of the type comprising a rolling chute (5) on which the bobbin is free to roll towards a conveyor belt (4), wherein said rolling chute (5) is hinged around a rotation pin (8), around which it can rotate varying the level difference between its ends, a flap (9) being hinged to the end of said rolling chute (5) facing the conveyor belt (4), whose portion facing the conveyor belt (4) slides on a fixed supporting counter-edge (11).

IPC 8 full level

B65H 67/04 (2006.01)

CPC (source: EP US)

B65H 67/0411 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

DE102013018985A1; EP2322459A3; CN112093583A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1712508 A1 20061018; EP 1712508 B1 20080618; AT E398596 T1 20080715; CN 100560460 C 20091118; CN 1847129 A 20061018; DE 602006001481 D1 20080731; IT MI20050630 A1 20061014; US 2006230737 A1 20061019

DOCDB simple family (application)

EP 06111731 A 20060327; AT 06111731 T 20060327; CN 200610073632 A 20060413; DE 602006001481 T 20060327; IT MI20050630 A 20050413; US 38981406 A 20060327