

Title (en)

DEVICE FOR POSITIONING AND REMOVING THREAD BOBBINS IN A TEXTILE MACHINE

Title (de)

VORRICHTUNG ZUM ANBRINGEN UND ABNEHMEN VON HÜLSEN FÜR FÄDEN IN EINER TEXTILMASCHINE

Title (fr)

DISPOSITIF POUR LA MISE EN PLACE ET L'ENLEVEMENT DE BOBINES DE FIL DANS UNE MACHINE TEXTILE

Publication

EP 1611043 A2 20060104 (FR)

Application

EP 04742402 A 20040331

Priority

- FR 2004000801 W 20040331
- FR 0304423 A 20030407

Abstract (en)

[origin: FR2853332A1] The bobbin placer and lifter consists of at least one yarn receiving cylinder (1) linked to a reciprocating mechanism (3) for winding the yarn bobbin (B) on a tubular support (4) retained by a holder and positioner (5), a dispenser (6) for the supports and a discharger (7) for the filled bobbins. The receiving cylinder and support tube are positioned for winding so they rotate with the yarn (2) passing under the receiving cylinder and over the support tube, and that the latter moves towards the discharger in a direction opposite to that in which the yarn arrives. The support dispenser is fixed, while the discharger is in the form of a ramp with the wound bobbin tending to roll down it when released. The holder is in the form of pivoted arms with forked ends (9, 10) that move as the size of the wound bobbin increases, releasing the bobbin on the discharger and picking up a new one as it travels in a circular trajectory.

IPC 1-7

B65H 67/04

IPC 8 full level

B65H 67/04 (2006.01)

CPC (source: EP)

B65H 67/0405 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

See references of WO 2004092045A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

FR 2853332 A1 20041008; FR 2853332 B1 20051125; AT E402113 T1 20080815; CN 100471777 C 20090325; CN 1791545 A 20060621; DE 602004015266 D1 20080904; EP 1611043 A2 20060104; EP 1611043 B1 20080723; JP 2006521981 A 20060928; WO 2004092045 A2 20041028; WO 2004092045 A3 20041216

DOCDB simple family (application)

FR 0304423 A 20030407; AT 04742402 T 20040331; CN 200480013533 A 20040331; DE 602004015266 T 20040331; EP 04742402 A 20040331; FR 2004000801 W 20040331; JP 2006505770 A 20040331