

Title (en)

Machine and method for knot-tying, labelling and palletizing bobbins at the exit of a bobbin producing machine

Title (de)

Vorrichtung und Verfahren zum Knoten, Etikettieren und Palettieren von Spulen am Ende einer Maschine zur Spulenherstellung

Title (fr)

Machine de nouage, d'étiquetage et de palettisation de bobines en sortie de boninois ou de toutes autres machines produisant des bobines de fils et procédé mis en oeuvre par cette machine

Publication

EP 1112954 B1 20030205 (FR)

Application

EP 00440333 A 20001221

Priority

FR 9916681 A 19991229

Abstract (en)

[origin: EP1112954A1] The machine comprises a positioning post (2) for bobbins (3) leaving a bobbin winding machine (1). Each bobbin is picked up by a robot arm (4) or similar and delivered to a turntable (5), where they are removed and palleted by a gripper (6), a piecer (7) with needles or similar, and a labelling post (8). The operation of the various posts and equipment is controlled by information management.

IPC 1-7

B65H 67/06; B65H 54/71; B65H 65/00; B65C 9/06; G01G 13/00; B65H 63/08; G01G 17/02

IPC 8 full level

B65C 7/00 (2006.01); **B65C 9/06** (2006.01); **B65H 54/71** (2006.01); **B65H 63/08** (2006.01); **B65H 65/00** (2006.01); **B65H 67/06** (2006.01)

CPC (source: EP)

B65C 7/00 (2013.01); **B65C 9/06** (2013.01); **B65H 54/71** (2013.01); **B65H 63/084** (2013.01); **B65H 65/005** (2013.01); **B65H 67/063** (2013.01);
B65H 67/064 (2013.01); **B65H 2701/31** (2013.01)

Cited by

CN112919252A; CN112173865A; WO2023044244A1

Designated contracting state (EPC)

BE DE ES GB IT

DOCDB simple family (publication)

EP 1112954 A1 20010704; EP 1112954 B1 20030205; DE 1112954 T1 20020117; DE 60001352 D1 20030313; DE 60001352 T2 20031030;
ES 2189731 T3 20030716; FR 2803279 A1 20010706; FR 2803279 B1 20020215

DOCDB simple family (application)

EP 00440333 A 20001221; DE 00440333 T 20001221; DE 60001352 T 20001221; ES 00440333 T 20001221; FR 9916681 A 19991229