

Title (en)

Textile machine producing cross-wound bobbins

Title (de)

Kreuzspulen herstellende Textilmaschine

Title (fr)

Machine textile pour la fabrication de bobines à spires croisées

Publication

EP 0970910 B1 20011212 (DE)

Application

EP 99107126 A 19990413

Priority

DE 19830101 A 19980706

Abstract (en)

[origin: EP0970910A1] In the working position (III) yarn (30) is wound from a feed bobbin (4) into a cross-wound package (11). At each winding machine position a horizontal conveyor (5) and a vertical lift (6) provide two further locations (I,IV), for loading full bobbins, and to act as intermediate location respectively. A new bobbin (4) is loaded in the raised position (I) while the empty tube is removed from the working position (III) and parked in an intermediate position (IV). The new bobbin is lowered and brought to the working position (III). The empty tube (26) is brought to the vertical lift (6) and raised to the loading position (I) to be exchanged for a full bobbin.

IPC 1-7

B65H 67/02

IPC 8 full level

B65H 54/06 (2006.01); **B65H 67/02** (2006.01)

CPC (source: EP US)

B65H 67/02 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

CN102205382A

Designated contracting state (EPC)

BE CH DE FR IT LI

DOCDB simple family (publication)

EP 0970910 A1 20000112; **EP 0970910 B1 20011212**; DE 19830101 A1 20000113; DE 59900526 D1 20020124; JP 2000026025 A 20000125; US 6283400 B1 20010904

DOCDB simple family (application)

EP 99107126 A 19990413; DE 19830101 A 19980706; DE 59900526 T 19990413; JP 19066199 A 19990705; US 34819399 A 19990706