

Title (en)

Automatic bobbin changing device for an automatic parallel winder

Title (de)

Automatischer Spulenwechsler für einen Parallelspulautomaten

Title (fr)

Dispositif pour le changement automatique des bobines dans un bobinoir automatique

Publication

**EP 1493704 B1 20080514 (DE)**

Application

**EP 03014811 A 20030630**

Priority

EP 03014811 A 20030630

Abstract (en)

[origin: EP1493704A1] A textile machine has a parallel upright bobbin (S) winding station with a thread feed unit (5). The empty bobbins are lifted and transported to the winding station where they are wound on a turntable holder (9) with individual retaining sockets for each bobbin. The turntable has a power unit to position bobbins in the wind-on position. The turntable socket consists of a countersunk section for the bobbin flange and a central aperture for the bobbin core. The bobbin wind-up action is generated by a drive wheel in contact with the bobbin rim and step motor. The bobbins are wound in series, a full bobbin being replaced by a waiting bobbin on the turntable.

IPC 8 full level

**B65H 67/048** (2006.01)

CPC (source: EP)

**B65H 67/048** (2013.01); **B65H 2701/31** (2013.01)

Cited by

CN113060598A; CN114083892A; CN106414290A; CN110407022A; CN106115368A

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DOCDB simple family (publication)

**EP 1493704 A1 20050105; EP 1493704 B1 20080514**; AT E395292 T1 20080515; CN 100548847 C 20091014; CN 1576219 A 20050209; DE 50309845 D1 20080626

DOCDB simple family (application)

**EP 03014811 A 20030630**; AT 03014811 T 20030630; CN 200410063231 A 20040630; DE 50309845 T 20030630