

Title (en)

Method for winding cross-wound bobbins

Title (de)

Verfahren zum Wickeln von Kreuzspulen

Title (fr)

Procédé pour le bobinage de bobines à spires croisées

Publication

**EP 1110896 B1 20050209 (DE)**

Application

**EP 00122348 A 20001024**

Priority

DE 19961982 A 19991222

Abstract (en)

[origin: EP1110896A2] The diameter of the bobbin (10) is normally calculated (20) from the speed and diameter of the friction drive drum (13) but during pattern breaking the drum speed is altered momentarily so that slip occurs. To obtain the actual momentary bobbin diameter, the speed value prior to pattern breaking is used to calculate the expected increase in diameter during this period, which is then added on.

IPC 1-7

**B65H 54/38**; **B65H 63/08**

IPC 8 full level

**B65H 54/38** (2006.01); **B65H 63/08** (2006.01)

CPC (source: EP US)

**B65H 54/38** (2013.01 - EP US); **B65H 63/082** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

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AT CH DE FR IT LI

DOCDB simple family (publication)

**EP 1110896 A2 20010627**; **EP 1110896 A3 20020925**; **EP 1110896 B1 20050209**; AT E288872 T1 20050215; DE 19961982 A1 20010705; DE 50009472 D1 20050317; JP 2001180867 A 20010703; JP 4787404 B2 20111005; US 2001004998 A1 20010628; US 6405965 B2 20020618

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**EP 00122348 A 20001024**; AT 00122348 T 20001024; DE 19961982 A 19991222; DE 50009472 T 20001024; JP 2000384311 A 20001218; US 74867700 A 20001222