

Title (en)

Method and apparatus for winding a thread on a cross-winding machine

Title (de)

Verfahren und Vorrichtung zum Aufwinden eines Fadens an einer Kreuzspuleinrichtung

Title (fr)

Procédé et dispositif pour bobiner un fil sur une machine pour fabriquer des bobines à spires croisées

Publication

EP 1342688 B1 20060426 (DE)

Application

EP 03003303 A 20030213

Priority

DE 10209851 A 20020306

Abstract (en)

[origin: EP1342688A2] The yarn bobbin winder to produce cross wound bobbins (51), with a random winding, has motors with speed controls for the yarn guides (4) and the winding rollers (5) to prevent a patterned winding. A signal is passed to the drives (34,35), with a motor speed control value according to the required wound yarn intersection angle, with the same signal value passed to each of the drives. The winder assembly has a control unit (6) linked to a control system (2) or a rotary transmitter to register the base rotary speed of a motor (36). The drives are synchronous motors.

IPC 8 full level

B65H 54/38 (2006.01)

CPC (source: EP)

B65H 54/38 (2013.01); **B65H 2557/24** (2013.01); **B65H 2701/31** (2013.01)

Cited by

EP1342687A3; US6895736B2

Designated contracting state (EPC)

CZ DE IT TR

DOCDB simple family (publication)

EP 1342688 A2 20030910; EP 1342688 A3 20040107; EP 1342688 B1 20060426; DE 10209851 A1 20030918; DE 50303075 D1 20060601

DOCDB simple family (application)

EP 03003303 A 20030213; DE 10209851 A 20020306; DE 50303075 T 20030213