

Title (en)

Method for restarting a twisting device after a thread break

Title (de)

Verfahren zum Wiederinbetriebsetzen einer Zwirneinrichtung nach einem Fadenbruch

Title (fr)

Procédé pour remiser en marche un dispositif de retordage après une cassure de fil

Publication

EP 1258546 A3 20030507 (DE)

Application

EP 02005966 A 20020315

Priority

DE 10124270 A 20010518

Abstract (en)

[origin: EP1258546A2] Twisted thread is drawn back off the winding bobbin (S), until a thread section is reached in which the twist is intact. This section is fixed and parted, behind the fixing point with respect to the winding bobbin. The parting location assures sufficient thread length for mechanical- or hand knotting or splicing, to allow connection with the end from the twisting spindle. Twist spindle operation is resumed with a time delay in take-up, allowing for appropriate twist as the thread section between joining- and fixing points runs through. Preferred Features: A central controller (C) delays winding spool start up as the twist spindle runs up. The delay takes into consideration: spindle rotation speed, twist per meter and run-up time of the spindle.

IPC 1-7

D01H 15/007; D01H 7/90; D02G 3/28

IPC 8 full level

B65H 69/00 (2006.01); **B65H 69/04** (2006.01); **B65H 69/06** (2006.01); **D01H 1/10** (2006.01); **D01H 13/00** (2006.01); **D01H 15/00** (2006.01); **D01H 15/007** (2006.01)

CPC (source: EP US)

D01H 15/007 (2013.01 - EP US)

Citation (search report)

- [DXA] DE 3243410 A1 19840524 - PALITEX PROJECT CO GMBH [DE]
- [A] US 5148664 A 19920922 - SUZUKI TADASHI [JP]
- [A] US 3939633 A 19760224 - LOSSA ULRICH

Cited by

CN104020002A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1258546 A2 20021120; **EP 1258546 A3 20030507**; CN 1386694 A 20021225; CZ 20021590 A3 20030115; DE 10124270 A1 20021205; JP 2002371440 A 20021226; US 2002170283 A1 20021121

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