

Title (en)

Device for regulating the thread tension in a twisting machine, in particular in a two-for-one twisting spindle

Title (de)

Vorrichtung zur Regulierung der Fadenspannung in einer Zwirnmachine, insbesondere Doppeldrahtzwirnschmelze

Title (fr)

Dispositif pour réguler la tension de fil dans une broche à retordre, en particulier, dans une broche à retordre à double torsion

Publication

EP 1550749 A3 20070307 (DE)

Application

EP 04026760 A 20041111

Priority

DE 202004000015 U 20040103

Abstract (en)

[origin: EP1550749A2] The yarn twister, with a rotating flyer (2) which takes at least one yarn (5) from a supply bobbin (15), has a mechanism to regulate the tension of the yarn being taken off. It has a yarn store disk (24) to hold a yarn length using the rotating flyer to set the yarn tension, which is coupled to a control (1) to set the rotary resistance of the flyer in a fluid or magnetic brake action. The control can also be a motor, which drives or brakes the flyer.

IPC 8 full level

D01H 13/10 (2006.01); **D01H 1/10** (2006.01); **D01H 7/86** (2006.01)

CPC (source: EP)

D01H 13/106 (2013.01)

Citation (search report)

- [XAY] DE 1685957 B1 19721109 - PALITEX PROJECT CO GMBH
- [XA] DE 1510854 B1 19700709 - PALITEX PROJECT CO GMBH
- [XA] EP 1045053 A1 20001018 - MURATA MACHINERY LTD [JP]
- [Y] GB 767868 A 19570206 - SPINNEREI KARL MARX VEB

Cited by

EP2226282A3; CN110670189A; CN111560670A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

EP 1550749 A2 20050706; EP 1550749 A3 20070307; CN 1637180 A 20050713; DE 202004000015 U1 20050525

DOCDB simple family (application)

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