Title (en)

YARN TENSIONING DEVICE AND TEXTILE MACHINE EQUIPPED THEREWITH

Title (de)

FADENSPANNVORRICHTUNG UND TEXTILMASCHINE MIT SOLCHER VORRICHTUNG

Title (fr)

DISPOSITIF TENDEUR DE FIL ET MATERIEL TEXTILE EQUIPE D'UN TEL DISPOSITIF

Publication

EP 0900171 B1 20000126 (FR)

Application

EP 97914358 A 19970306

Priority

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- FR 9605119 A 19960418

Abstract (en)

[origin: WO9738932A1] This invention features a yarn tensioning device comprising a freely rotatable pulley (P) mounted at the end of a spindle (5), the yarn engaging the surface of the pulley. This pulley is associated with a braking system constituted by permanent magnets (19) that can be moved away or towards said pulley. The control of the spacing is provided by a first set (23, 24) which exerts a thrust aimed at bringing the magnet support (20) towards the ring (18) associated with the pulley (P); a second set (25, 32) exerting a counter-thrust aimed at spacing the magnets (19). This counter-thrust is obtained by compressed air, the supply of which is provided simultaneously on all the yarn tensioning devices of the machine through a pneumatic feeder line.

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IPC 8 full level

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CPC (source: EP)

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WO 9738932 A1 19971023; AT 189179 T 20000215; AU 2163597 A 19971107; CN 1085975 C 20020605; CN 1206387 A 19990127; DE 69701222 D1 20000302; DE 69701222 T2 20000928; EP 0900171 A1 19990310; EP 0900171 B1 20000126; ES 2142150 T3 20000401; FR 2747663 A1 19971024; FR 2747663 B1 19980522; JP 2001500462 A 20010116; JP 3898763 B2 20070328; US 5943851 A 19990831

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