

Title (en)

BALL THREAD BRAKE FOR A DOUBLE WIRE TWISTING SPINDLE

Title (de)

KUGELFADENBREMSE FÜR EINE DOPPELDRAHT-ZWIRNSPINDEL

Title (fr)

FREIN DE FIL DE BOBINE POUR UNE BROCHE DE RETORDAGE À DOUBLE TORSION

Publication

**EP 3165640 B1 20200909 (DE)**

Application

**EP 16196200 A 20161028**

Previously filed application

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Priority

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Abstract (en)

[origin: CN106637555A] The invention relates to a ball yarn brake for a double twisting spindle, comprising a tubular brake housing consisting of an upper housing section and a lower housing section in threaded connection thereto; a yarn feeding pipe coaxially rotatably mounted in the upper housing section; an upper brake surface ring corresponding to the yarn feeding pipe and the height of which is adjusted by rotating the yarn feeding pipe; a brake ball cooperating with the brake surface ring; a piston guided sealingly in the lower housing section and capable of rotating axially, which piston carries a lower brake surface ring on the outside of its upwardly directed bottom, and which is adjustable downwards in the axial direction by means of suction force against the force of a restoring spring; a holding device arranged between the two brake surface rings for the brake ball; a braking force adjusting device acting on a brake unit consisting of the two brake surface rings and the brake ball, wherein the braking force adjusting device is constituted by at least one brake force adjusting spring which acts from below on the lower brake surface ring.

IPC 8 full level

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