

Title (en)

Device for automatically adjusting the tension of the feeding yarn of four-twist spindles

Title (de)

Vorrichtung zur automatischen Einstellung der Spannung des Zuführgarns von Vierzwirn-Spindeln

Title (fr)

Dispositif pour régler automatiquement la tension d'alimentation de fil de broches à quatre torsions

Publication

EP 2366818 B1 20121219 (EN)

Application

EP 11154974 A 20110218

Priority

IT MI20100274 A 20100222

Abstract (en)

[origin: EP2366818A1] Device for automatically adjusting the inlet tension of the yarn in the inner balloon (B) in four-twist spindles, wherein the feeding yarn (F) is unwound from a feeding reel (11), passes through a rotary unwinder (50) and then enters into an inner axial cavity up to a bell-shaped deflecting element (51), from which the inner balloon (B) of the four-twist spindle (10) begins, where between the deflecting element and rotary unwinder a friction element is interposed which causes rotation speed variations in the bell-shaped deflecting element (51) and in the rotary unwinder caused by the tension variations of the yarn (F).

IPC 8 full level

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