

Title (en)
DEVICE FOR REDUCING THE TENSION OF YARN BETWEEN A SYSTEM FOR TRANSFORMING SAID YARN AND A SYSTEM FOR WINDING SAID YARN

Title (de)
VORRICHTUNG ZUR SPANNUNGSREDUKTION EINES GARNS ZWISCHEN EINEM SYSTEM ZUR UMWANDLUNG DIESES GARNS UND EINEM SYSTEM ZUM AUFWICKELN DIESES GARNS

Title (fr)
DISPOSITIF POUR ABAISSER LA TENSION D'UN FIL ENTRE UN SYSTEME DE TRANSFORMATION DUDIT FIL ET UN SYSTEME DE BOBINAGE DUDIT FIL

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Application
EP 12773090 A 20120926

Priority
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• FR 2012052158 W 20120926

Abstract (en)
[origin: WO2013050686A1] According to the invention, the device includes: a capstan (13) consisting of at least one motor-driven roll (15) having an evolutionary diameter over at least a portion of the length thereof, said portion comprising an intake area for the yarn (FT), the speed of rotation of said roll (15) being such that, at least at one point, the peripheral speed thereof is greater than the driving speed of the yarn (FT): - at least one yarn guide (17) positioned upstream from said roll (15), opposite the evolutionary diameter portion, said yarn guide (17) being movably mounted so as to move the intake point of the yarn; - a yarn accumulator system positioned downstream from the roll (15) and having arrangements (16) capable of absorbing a quantity of yarn; - connection means between the accumulator system and the yarn guide (17), which are shaped so as to move in one direction or another; said yarn guide moves relative to the evolutionary diameter portion of the roll on the basis of the increase or decrease in the quantity of yarn absorbed by the accumulator.

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