

Title (en)  
TWISTING MACHINE CAPABLE OF INDEPENDENTLY CONTROLLING TWISTING SPEED AND WINDING SPEED AND METHOD OF THE SAME

Title (de)  
ZWIRNMASCHINE MIT UNABHÄNGIG VONEINANDER EINSTELLBAREN ZWIRN- UND AUFWICKELGESCHWINDIGKEITEN SOWIE ENTSPRECHENDES VERFAHREN

Title (fr)  
RETORDEUSE POUVANT COMMANDER INDEPENDAMMENT LA VITESSE DE TORSION ET LA VITESSE D'ENROULEMENT, ET PROCEDES CORRESPONDANTS

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Application  
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Abstract (en)  
[origin: WO2005040465A1] The invention relates to a twisting machine capable of independently controlling the twisting speed of a thread or plurality of threads and the winding speed of the twisted threads i.e. the twisting density in a certain length and the method of the same. Thus, a twisting machined is provided comprising: a spindle (1) extending in an axial direction from a first end to a second end thereof; drive means for rotatably driving the spindle (1); a rotor coaxially mounted to the spindle adjacent the second end thereof; winding means for winding thread onto a bobbin; a stationary carrier supported over the rotor on the opposite side thereof from the spindle, the carrier supporting the bobbin thereon; and thread guide means spaced in the axial direction from the carrier, wherein in use, thread extends from the spindle via the radially outer edge of the rotor to the thread guide means, characterized in that the machine comprises means for independently moving the spindle and the winding means.

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