

Title (en)
TWISTING METHOD AND INSTALLATION WITH TENSION CONTROL FOR THE PRODUCTION OF REINFORCING CORDS FOR TYRES

Title (de)
VERDRILLVERFAHREN UND ANLAGE MIT SPANNUNGSKONTROLLE ZUR HERSTELLUNG VON VERSTÄRKUNGSKORDEN FÜR REIFEN

Title (fr)
PROCÉDÉ ET INSTALLATION DE RETORDAGE AVEC CONTRÔLE DE LA TENSION POUR LA FABRICATION DE FILS DE RENFORT POUR PNEUMATIQUES

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Application
EP 18845298 A 20181218

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Abstract (en)
[origin: WO2019122698A1] The present invention relates to a method for producing a wire element (1) by interlacing at least a first strand (2) and a second strand (3), during which strand tension control is effected by: defining an assembly tension set point (T_{set}), representative of a state of longitudinal tension to be obtained in the first strand (2) when said first strand reaches the assembly point (4); measuring the actual assembly tension (T_{actual}) applied in the first strand, said measurement being taken at a first tension measurement point (PT1) located along the first strand and upstream of the assembly point (4); and operating a tension regulating member (34), such as a capstan, which acts on the first strand (2) upstream of the assembly point (4) such as to cause the actual assembly tension (T_{actual}) within said first strand to converge automatically towards the assembly tension set point (T_{set}).

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