

Title (en)

METHOD AND SYSTEM FOR TWISTING TYRE CORDS WITH A CONTROLLED TENSION

Title (de)

VEFAHREN UND ANLAGE ZUM VERDREHEN VON REIFENKORDE MIT KONTROLLIERTER SPANNUNG

Title (fr)

PROCEDE ET INSTALLATION DE RETORDAGE AVEC CONTROLE DE LA TENSION POUR LA FABRICATION DE FILS DE RENFORT POUR PNEUMATIQUES

Publication

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Application

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Priority

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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}).

IPC 8 full level

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