

Title (en)

AN ELECTRO-HYDRAULIC WINDER FOR WINDING A WIRE ROPE AND A WINCH WITH SAID WINDER

Title (de)

EIN ELEKTROHYDRAULISCHER AUFWICKLER ZUM AUFWICKELN EINES DRAHTSEILS UND EINE WINDE MIT DEM AUFWICKLER

Title (fr)

ENROULEUR ÉLECTRO-HYDRAULIQUE POUR ENROULER UN CÂBLE MÉTALLIQUE ET TREUIL AVEC LEDIT ENROULEUR

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Application

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Priority

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Abstract (en)

The present invention belongs to the field of constructional details of forestry winches, which are related to winding of a rope onto a drum. The present invention relates to an electro-hydraulic winder (5C) for winding a wire rope comprising:- a holder (1, 5) of the winder (5C),- a holder (1, 5) with redirecting cylinders (5A, 5), which are arranged to lead the rope towards the drum, wherein said holder (1, 5) of redirecting cylinders (5A, 5) is movably installed on the housing of the winder (5C) or is coupled to the said housing of the winder (5C) in a movable manner,- a two-way hydraulic cylinder (5C), which is on one side mounted onto the holder (1, 5) with redirecting cylinders (5A, 5) and on the opposite side to the holder (1, 5) of the winder (5C),- a controller, which is preferably controller of the winch, wherein the controller is connected to: o an inductive sensor (2) mounted on the drum for sensing rotation speed of the drum, preferably by sensing grooves on the drum,

IPC 8 full level

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Citation (applicant)

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