

Title (en)
REVERSING REEL AND METHOD FOR OPERATING A REVERSING REEL

Title (de)
WENDEHASPEL SOWIE VERFAHREN ZUM BETRIEB EINES WENDEHASPELS

Title (fr)
ENROULEUR ROTATIF ET PROCÉDÉ POUR FAIRE FONCTIONNER UN ENROULEUR ROTATIF

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Abstract (en)
[origin: WO2020148225A1] The invention relates to a reversing reel (1) having a rotor (2) on which at least one reel mandrel (3), provided with a rotary drive, for winding tape (9) into a coil (8) is arranged eccentrically with respect to an axis of rotation (D) of the rotor (2), having at least one driven mandrel support device (4), comprising a mandrel support (5) that has a bearing head (6) for supporting a free end of the at least one reel mandrel (3), wherein the bearing head (6) is movable with the reel mandrel (3), in accordance with a variable position of the reel mandrel (3), when the reel mandrel (3) is transferred from an initial-winding position (A) into a final-winding position (F), wherein the mandrel support (5) is in the form of a first piston-cylinder arrangement (7) and the mandrel support (5) is supported in a pivotable manner via a mandrel-support bearing (11) on a slide (13) that is movable tangentially to a circular path of the reel mandrel (3), and wherein the inclination of the mandrel support (5) and the position of the bearing head (6) are adjustable such that the mandrel support (5) is oriented in accordance with a resultant force (R) from the weight force (G) of the coil (8) and the tensile force on the tape (BZ). The invention also relates to a method for winding up tapes by means of such a reversing reel.

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