

Title (en)

METHOD AND DEVICE FOR PRODUCING HELICAL SPRINGS BY SPRING WINDING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON SCHRAUBENFEDERN DURCH FEDERWINDEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION DE RESSORTS HÉLICOÏDAUX PAR ENROULEMENT

Publication

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Application

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Abstract (en)

[origin: WO2013139612A1] The invention relates to a method for producing helical springs by spring winding by means of a numerically controlled spring winding machine, wherein a wire (115) is fed through a feeding device (110) of a forming device (120) of the spring winding machine under the control of a NC control program, formed into a helical spring with the aid of tools (122; 124; 130; 140) of the forming device and a produced helical spring is then separated from the fed wire by means of a cutting device (150). At at least one point in time during the forming operation, a measurement is carried out on the helical spring. The method is characterized in that the wire is continually fed to the forming device, a measurement is carried out on the helical spring during the feeding and the produced helical spring is separated from the fed wire by a rotating, flying cut.

IPC 8 full level

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