

Title (en)

BRAIDING, WINDING OR SPIRALLING MACHINE, AND METHOD FOR OPERATING SAME

Title (de)

FLECHT-, WICKEL- ODER SPIRALISIERMASCHINE UND VERFAHREN ZU DEREN BETRIEB

Title (fr)

MACHINE À TRESSER, À ENROULER OU À SPIRALISER ET PROCÉDÉ POUR LA FAIRE FONCTIONNER

Publication

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Application

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Abstract (en)

[origin: WO2021013500A1] The invention relates to a method for operating a braiding, winding or spiralling machine (1) for braiding around, wrapping around or spiralling around a strand-like material (6), in particular a cable (6), with at least one elongate material strand (9, 10) formed from at least one elongate material fibre, in particular from at least one wire. In the method, a diameter (D) of the strand-like material (6) is measured and a feed rate of the strand-like material (6) and/or a rotational speed at which the at least one elongate material strand (9, 10) moves about the longitudinal axis (5) of the strand-like material (6) is controlled by open-loop or closed-loop control depending on said diameter measured (D). In particular, a predefined degree of coverage (k) of the strand-like material (6) by the at least one elongate material strand (9, 10) can be kept substantially constant by means of an open-loop or closed-loop control of the relative feed rate (h) of the strand-like material (6) depending on the diameter measured (D).

IPC 8 full level

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