

Title (en)

METHOD AND DEVICE FOR ADJUSTING A GRIPPER MOVEMENT STROKE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINSTELLEN EINES GREIFERBEWEGUNGSHUBES

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR AJUSTER UNE COURSE DE DÉPLACEMENT DE PINCE

Publication

EP 4008818 A1 20220608 (EN)

Application

EP 20212105 A 20201207

Priority

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Abstract (en)

The invention relates to a method and a device for adjusting a movement stroke of a gripper (3, 5) in a gripper weaving machine, wherein the gripper (3, 5) is driven to move back and forth using a transmission part (31, 32), wherein a drive element (12, 26) rotating with a drive shaft (7) of the gripper weaving machine can be drivingly coupled via a transmission mechanism (24, 25) to the transmission part (31, 32), wherein the transmission mechanism (24, 25) can be fastened to the drive element (12, 26) in various eccentric positions, wherein the transmission part (31, 32) can be driven by the drive element (12, 26) to oscillate between extreme transmission part positions, wherein an amplitude of an oscillation of the transmission part (31, 32) is settable by varying an eccentric position in order to adjust a movement stroke of the gripper (3, 5), and wherein the method comprises holding the transmission part (31, 32) in a selected transmission part position while the transmission mechanism (24, 25) is unfastened from the drive element (12, 26), and moving the drive element (12, 26) relative to the transmission part (31, 32) from a first angular position associated with said selected transmission part position for a first movement stroke of the gripper (3, 5) defined by a first eccentric position into a second angular position associated with said selected transmission part position for a second movement stroke of the gripper (3, 5) defined by a second eccentric position.

IPC 8 full level

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Citation (applicant)

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- WO 2011120820 A2 20111006 - PICANOL [BE], et al
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Citation (search report)

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- [A] CN 104452052 A 20150325 - ZHEJIANG HAISEN KNITTING MACH
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