

Title (en)

GRIPPER FINGER AND GRIPPER COMPRISING GRIPPER FINGERS OF THIS TYPE

Title (de)

GREIFERFINGER UND GREIFER MIT SOLCHEN GREIFERFINGERN

Title (fr)

DOIGTS DE PRÉHENSION ET PINCE MUNIE DE TELS DOIGTS DE PRÉHENSION

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Application

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Abstract (en)

[origin: WO2021244938A1] The invention relates to a gripper finger (1), comprising a transmission (5) which is designed to pivot the gripper finger (1) about a pivot axis (S) associated with the finger base element (2.1) and to curve the kinematic chain of the finger element (2) by pulling on the first pulling means (3), wherein the transmission (5) has a pivotally mounted first transmission element (5.1) that is connected to the first pulling means (3), and has a pivotally mounted second transmission element (5.2) that is connected to the finger base element (2.1), and the first transmission element (5.1) is coupled to the second transmission element (5.2) by means of a transmission coupler (6) in such a way that a pivoting of the gripper finger (1) is brought about with a common pivoting movement of the first transmission element (5.1) and the second transmission element (5.2), and, with a sole pivoting movement of the first transmission element (5.1) relative to the second transmission element (5.2), a pulling force is introduced into the first pulling means (3) and forwarded to the finger tip element (2.2) in order to bring about the curving of the gripper finger (1). The invention also relates to a gripper (14) comprising gripper fingers (1) of this type.

IPC 8 full level

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