Title (en)

GRIPPER FINGER, GRIPPER TIP, GRIPPER JAW, AND A ROBOT SYSTEM

Title (de)

GREIFERFINGER, GREIFERSPITZE UND GREIFERBACKE, SOWIE EIN ROBOTERSYSTEM

Title (fr)

DOIGT DE PRÉHENSION, POINTE DE PRÉHENSION ET MÂCHOIRE DE PRÉHENSION, AINSI QUE SYSTÈME ROBOTIQUE

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Application

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Abstract (en)

[origin: WO2015139716A1] The invention relates to a gripper finger (1) of a gripping instrument for a robot system. The gripper finger (1) for gripping objects comprises a gripper jaw (3) and a gripper tip (4), a gripper axis (A) of which extends along a longitudinal direction (L). The gripper tip (4) can be removably connected to the gripper jaw (3) by means of a connection element (5). According to the invention, the connection element (5) can be locked with a connection socket (6), which extends in the longitudinal direction (L), in the form of a plug connection such that a tilting of the gripper tip (4) with respect to the gripper axis (A) is prevented in the locked state and simultaneously the gripper tip (4) is locked relative to the gripper jaw (3) with respect to the longitudinal direction (L) under the effect of a specifiable longitudinal locking force (F). The invention further relates to a gripper tip (4) and a gripper jaw (3) for a gripper finger (1) and to a robot system equipped with a gripper finger.

IPC 8 full level

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