

Title (en)

PICKING UP PAYLOADS BY MEANS OF A ROBOT-GUIDED TOOL

Title (de)

AUFNEHMEN VON NUTZLASTEN MITTELS EINES ROBOTERGEFÜHRTEN WERKZEUGS

Title (fr)

ABSORPTION DE CHARGES UTILES AU MOYEN D'UN OUTIL GUIDÉ PAR UN ROBOT

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Application

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Abstract (en)

[origin: WO2019197611A1] The invention relates to a method for picking up a first payload (100) in an environment (200) by means of a first tool (11) arranged on a flange of a robot (10), comprising the following steps: – specifying (S10) a reference geometry of the environment; – specifying (S20) a first robot-fixed, more particularly flange-fixed, reference point (R1); – capturing (S30) the environment and the first payload by means of a sensor system (12); – moving (S55) the first tool into a first pick-up pose; and – picking up (S55) the first payload using the first tool; wherein the first pick-up pose is determined on the basis of the specified reference geometry, the specified first reference point, the captured environment and the captured first payload (S40).

IPC 8 full level

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