Title (en)

METHOD FOR DETECTING A COLLISION OF A ROBOTIC ARM HAVING AN OBJECT, AND ROBOT HAVING A ROBOTIC ARM

Title (de)

VERFAHREN ZUM ERKENNEN EINER KOLLISION EINES ROBOTERARMS MIT EINEM OBJEKT UND ROBOTER MIT EINEM ROBOTERARM

Title (fr)

PROCÉDÉ DE RECONNAISSANCE D'UNE COLLISION ENTRE UN BRAS DE ROBOT ET UN OBJET, ET ROBOT MUNI D'UN BRAS DE ROBOT

Publication

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Application

EP 16805122 A 20161201

Priority

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Abstract (en)

[origin: WO2017097664A1] The invention relates to a method for detecting a collision of a robotic arm (2) having an object (13), and to a correspondingly designed robot (1). The robotic arm (2) is part of the robot (1) and comprises a plurality of members (3-8), which are arranged one behind the other and mounted relative to axes (A1-A6), and position sensors (12), which are associated with the individual axes (A1-A6) and are provided to determine the positions of every two adjacent members (3-8) relative to each other. The robot (1) comprises an electronic control device (10) connected to the position devices (12) and drives actuated by the electronic control device (10) for automatically moving the members (3-8) of the robotic arm (2) relative to each other.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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Cited by

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