Title (en)

METHOD FOR MONITORING AT LEAST ONE INDUSTRIAL ROBOT, INDUSTRIAL ROBOT, AND SYSTEM HAVING A PLURALITY OF INDUSTRIAL ROBOTS

Title (de)

VERFAHREN ZUM ÜBERWACHEN WENIGSTENS EINES INDUSTRIEROBOTERS, INDUSTRIEROBOTER UND SYSTEM MIT MEHREREN INDUSTRIEROBOTERN

Title (fr)

PROCÉDÉ PERMETTANT DE SURVEILLER AU MOINS UN ROBOT INDUSTRIEL, ROBOT INDUSTRIEL ET SYSTÈME MUNI DE PLUSIEURS ROBOTS INDUSTRIELS

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Abstract (en)

[origin: WO2016091678A1] The invention relates to a method for monitoring at least one industrial robot (1), an industrial robot (1), and a system (31) having a plurality of industrial robots (1). The industrial robot (1) comprises a robot arm (2) and a control device (10). During the intended operation of the industrial robot (1), the robot arm (2) is moved in a controlled manner by means of the control device (10) in such a way that an end effector (13) fastened to the robot arm (2) moves along a specified path during a work task to be performed by means of the end effector (13). The current electrical energy consumption of the industrial robot (1) for the current work task is measured, and a stored comparison energy consumption value associated with the work task is retrieved. An indication of the measured current energy consumption and an indication of the comparison energy consumption value are displayed by means of a display device (12, 33), and/or a deviation between the measured current energy consumption and the retrieved comparison energy consumption value is determined and an indication of the deviation is displayed by means of the display device (12, 33).

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