

Title (en)

DEVICE AND METHOD FOR THE ELECTRICAL TESTING OF AN ELECTRICAL COMPONENT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ELEKTRISCHEN PRÜFUNG EINES ELEKTRISCHEN BAUTEILS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TEST ÉLECTRIQUE D'UN COMPOSANT ÉLECTRIQUE

Publication

EP 3615277 A1 20200304 (DE)

Application

EP 18718457 A 20180418

Priority

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Abstract (en)

[origin: WO2018197292A1] The invention relates to a device and method for the electrical testing of an electrical component, the component comprising at least one electrical contact point. The device comprises: an interface (101) for providing the electrical component; a first robot manipulator (102a) having an effector, which is configured and constructed for picking up, handling and releasing the electrical component; a mechanical receiving interface (103) into which the electrical component (101) can be inserted; a contacting device (104) having at least one electrical counter contact, the contacting device (104) being positioned in a first condition in such a manner that space is available for the first robot manipulator (102a) to be able to insert/remove the electrical component into/from the receiving interface, and the contacting device (104) being positioned in a second condition in such a manner that the at least one counter contact is connected to the contact point of the electrical component which has been inserted into the receiving interface; an analysis unit (105) connected to the at least one counter contact, the analysis unit (105) being configured and constructed to perform electrical testing of the component using the electrical connection of counter contact and contact point in the second condition and to provide and/or output a test result; and a control unit (106) for the automated control of the first robot manipulator (102a) and the contacting device (104).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2018197292A1

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BA ME

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