Title (en)

METHOD FOR DETECTING ATYPICAL ELECTRONIC COMPONENTS

Title (de)

VERFAHREN ZUM DETEKTIEREN VON ATYPISCHEN ELEKTRONISCHEN KOMPONENTEN

Title (fr)

PROCÉDÉ DE DÉTECTION DE COMPOSANTS ÉLECTRONIQUES ATYPIQUES

Publication

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Application

EP 10702298 A 20100202

Priority

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Abstract (en)

[origin: WO2010086456A1] The invention relates to a method for detecting atypical electronic components for the quality control of n electronic components at the end of the manufacturing process, said components being subjected to a number p of unit tests providing digital data, said set of n components including electronic components having a response to each of the p unit tests that lies within predetermined limits particular to each of the p tests, wherein the method comprises using the multi-dimensional information of the p dimension responses of said n electronic components. The method uses a generalised principal component analysis for detecting atypical parts in the semiconductor field, or in the fields including modules assembled using electronic components (e.g. an ABS module, a smart card, etc.). The aim of the method is to get close to "zero defect", wherein no part is detected to be substandard by the client.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010086456A1

Citation (examination)

US 2008189575 A1 20080807 - MIGUELANEZ EMILIO [GB], et al

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DOCDB simple family (application)

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