Title (en)

DEVICE FOR CONTROLLING CONFORMITY OF CONSUMPTION OF AN ELECTRONIC COMPONENT IN A TESTING MACHINE

Title (de)

VORRICHTUNG ZUR BESTÄTIGUNG DES STROMVERBRAUCHS EINER ELEKTRONISCHEN SCHALTUNG IN EINER PRÜFMASCHINE

Title (fr)

DISPOSITIF DE CONTROLE DE CONFORMITE DE CONSOMMATION D'UN COMPOSANT ELECTRONIQUE DANS UNE MACHINE DE TESTS

Publication

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Application

EP 97913259 A 19971106

Priority

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- FR 9614510 A 19961125

Abstract (en)

[origin: FR2756380A1] The invention concerns a device for controlling conformity of consumption of an electronic component (10) in a testing machine comprising: a supply circuit (240) comprising means for measuring outgoing current; a test sequencer (230); a measurement sequencer (250) each line of which comprises an indicator representing an instruction to carry out or not to carry out a current measurement. The invention is characterised in that said measurement sequencer (250) comprises a multiple acquisition memory (252) each line of which corresponds to a line of the sequence (251) of measurements for which the indicator is positive, and comprising: at least a limit zone in which is inscribed a current limiting value; at least a conformity zone in which is inscribed an indicator of conformity representing a comparison between the measured current and said limiting value. The invention is useful for testing microcontrollers and microprocessors.

IPC 1-7

G06F 11/24; G01R 31/3193

IPC 8 full level

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