

Title (en)

POWER SUPPLY CIRCUIT OF AN ELECTRONIC COMPONENT IN A TEST MACHINE

Title (de)

STROMVERSORGUNGSSCHALTUNG FÜR EIN ELEKTRONISCHES BAUTEIL IN EINER TESTANLAGE

Title (fr)

CIRCUIT D'ALIMENTATION D'UN COMPOSANT ELECTRONIQUE DANS UNE MACHINE DE TESTS

Publication

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Application

**EP 98908151 A 19980209**

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Abstract (en)

[origin: FR2759460A1] The invention concerns a power supply circuit of an electronic component (1) in a test machine, designed for supplying said component (1) supply current (I) in a given range under a nominal polarising voltage (Vcco), said supply circuit comprising two identical elementary circuits (10, 10') each capable of feeding a supply current (I/2) in a half range on output terminals (20, 20') connected in parallel, said elementary circuits (10, 10') each comprising: a regulating circuit (11, 11') for maintaining on the component (1) a polarising voltage (Vcc) equal to the nominal polarising voltage (Vcco); a power circuit (14, 14') controlled by said regulating circuit (11, 11') and feeding said supply current (I/2) in said half range. The invention is characterised in that the regulating circuit (11) of a first elementary circuit (10) also controls the power circuit (14') of the second elementary circuit (10'), the power circuit (14') of said second circuit (10') being disconnected from the corresponding regulating circuit (11'). The invention is applicable to components of test machines.

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