

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

EP 1023652 A1 20000802 (FR)

Application

EP 98908151 A 19980209

Priority

- FR 9800245 W 19980209
- FR 9701695 A 19970213

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.

IPC 1-7

G05F 1/59

IPC 8 full level

G01R 31/26 (2006.01); **G05F 1/00** (2006.01); **G05F 1/59** (2006.01)

CPC (source: EP KR US)

G05F 1/59 (2013.01 - EP KR US)

Citation (search report)

See references of WO 9836340A1

Designated contracting state (EPC)

DE GB IE IT

DOCDB simple family (publication)

FR 2759460 A1 19980814; FR 2759460 B1 19990416; EP 1023652 A1 20000802; JP 2001513229 A 20010828; KR 20000070104 A 20001125; TW 364062 B 19990711; US 6181117 B1 20010130; WO 9836340 A1 19980820

DOCDB simple family (application)

FR 9701695 A 19970213; EP 98908151 A 19980209; FR 9800245 W 19980209; JP 53541298 A 19980209; KR 19997006327 A 19990713; TW 87102050 A 19980303; US 36737699 A 19991025