

Title (en)
MULTILEVEL CURRENT GENERATOR WITH DIGITAL CONTROL AND SYSTEM FOR TESTING THE ENDURANCE OF A COMPONENT EQUIPPED WITH SAME

Title (de)
NUMERISCH GESTEUERTER MEHRPEGEL-STROMGENERATOR UND DAUERTEST-SYSTEM FÜR EINE KOMPONENTE MIT EINEM SOLCHEN GENERATOR

Title (fr)
GENERATEUR DE COURANT MULTINIVEAUX A COMMANDE NUMERIQUE ET SYSTEME DE TEST D'ENDURANCE DE COMPOSANT EQUIPE D'UN TEL GENERATEUR

Publication
EP 1142116 A1 20011010 (FR)

Application
EP 99958270 A 19991208

Priority
• FR 9903054 W 19991208
• FR 9815602 A 19981210

Abstract (en)
[origin: WO0035090A1] The invention concerns a multilevel current generator with digital control comprising: a digital input (16) for receiving digital data corresponding to output current levels; at least two digital-to-analog converters (52a, 52b) for converting digital data into analog voltages; a synchronised electronic switch (40) having at least two inputs (42a, 42b), respectively connected between the digital-to-analog converters and a current output (12) via a current voltage converter (56). The invention also concerns an endurance testing system using such a generator.

IPC 1-7
H03K 4/02; G01R 27/14

IPC 8 full level
G01R 27/14 (2006.01); **H03K 4/02** (2006.01)

CPC (source: EP)
G01R 27/14 (2013.01); **H03K 4/02** (2013.01)

Citation (search report)
See references of WO 0035090A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
FR 2787196 A1 20000616; FR 2787196 B1 20010105; EP 1142116 A1 20011010; WO 0035090 A1 20000615

DOCDB simple family (application)
FR 9815602 A 19981210; EP 99958270 A 19991208; FR 9903054 W 19991208