

Title (en)
Power supply apparatus

Title (de)
Speisegerät

Title (fr)
Appareil d'alimentation

Publication
EP 0506178 B1 19961016 (EN)

Application
EP 92200760 A 19920317

Priority
• EP 92200760 A 19920317
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Abstract (en)
[origin: EP0506178A2] The power supply apparatus for supplying a device (1) with electric energy comprises at least two test inputs (5a, ..., 5d) for receiving test signals which are dependent on a variable which itself is dependent on a power applied to the device. Each test input (5a, ..., 5d) is connected to a first input of an associated comparator circuit (9a, ..., 9d), the second input (11a, ..., 11d) of which is connected to a generator (13) for generating a number of reference signals which corresponds to the number of test inputs, said reference signals representing the desired values of said variables. The outputs of the comparator circuits (9a, ..., 9d) are connected to a control member (17) which is adapted to control the power applied to the device (1) by the power supply apparatus so that at least one of the variables is essentially equal to the desired value, the other variables deviating from the desired value in a predetermined sense only. <IMAGE>

IPC 1-7
G05F 1/46; **G05F 1/575**; **H01S 3/133**; **H01S 3/00**; **G05F 1/66**

IPC 8 full level
G05F 1/565 (2006.01); **G05F 1/569** (2006.01); **G05F 1/575** (2006.01)

CPC (source: EP)
G05F 1/565 (2013.01); **G05F 1/569** (2013.01); **G05F 1/575** (2013.01)

Cited by
DE102007017654A1; DE102007017657A1; DE102007017656A1; DE102007040326A1; DE102007036392A1; DE102007010785A1;
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