

Title (en)  
POWER SUPPLY APPARATUS

Publication  
**EP 0506178 A3 19930609 (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 1/66**

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)

Citation (search report)  
• [A] DE 3726243 A1 19890216 - KABELMETAL ELECTRO GMBH [DE]  
• [A] US 4019105 A 19770419 - CORNELL EDWARD P, et al  
• [AD] PHILIPS TECHNICAL REVIEW vol. 39, no. 2, 1980, EINDHOVEN, NL pages 37 - 47 J.C.J. FINCK ET AL. 'A Semiconductor Laser for Information Read-out'  
• [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 27 (E-378)(2084) 2 April 1986 & JP-A-60 187 074 ( TOSHIBA K.K. ) 24 September 1985

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DE102008027375A1; DE102007008655A1

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