

Title (en)
SWITCHED-MODE POWER SUPPLY REGULATION

Title (de)
SCHALTNETZTEILREGULIERUNG

Title (fr)
REGULATION D'UNE ALIMENTATION A DECOUPAGE

Publication
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Application
EP 05797771 A 20050804

Priority
• FR 2005050646 W 20050804
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Abstract (en)
[origin: WO2006021726A2] The invention concerns a circuit (30) for detecting an overload in a load supplied by a switched-mode power supply, comprising: a first comparator (25) of a first voltage based on the supply voltage of the load relative to a first threshold ($V_{SB>FB</SB>}$), supplying a regulating signal (CT) to a pulse generator (6) controlling the switched-mode power supply; a second comparator (31) of a second voltage relative to a second threshold ($V_{SB>OLV</SB>}$), supplying a signal (OVL) indicating the presence of an overload; and means (C33, 34, 35, M35) for automatically controlling said second voltage by a third threshold ($V_{SB>INI</SB>}$) lower than the second and higher than the first, and for deactivating the second comparator as long as said automatic control is maintained.

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