

Title (en)
SWITCHED-MODE POWER SUPPLY

Title (de)
SCHALTNETZTEIL

Title (fr)
ALIMENTATION A DECOUPAGE

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EP 0727062 A1 19960821 (DE)

Application
EP 94930975 A 19941025

Priority
• DE 4337461 A 19931103
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Abstract (en)
[origin: US5708572A] PCT No. PCT/EP94/03506 Sec. 371 Date Mar. 15, 1996 Sec. 102(e) Date Mar. 15, 1996 PCT Filed Oct. 25, 1994 PCT Pub. No. WO95/12840 PCT Pub. Date May 11, 1995The invention is directed to a switched-mode power supply with a primary switched-mode flyback converter for the controlled supply of an electrical load from an input voltage source of optionally different voltage types and voltage levels, in which a series arrangement comprising of the primary winding of a transformer, the main current path of a first controllable semiconductor switching device, and a first resistor is connected in parallel with the input voltage source. The secondary winding of the transformer is connected in series with a diode and the load. The base of the first controllable semiconductor switching device is connected to an arrangement that limits the maximum peak current of the first controllable semiconductor switching device in dependence upon the output current and that detects the voltage drop caused by the output current through the secondary winding along the internal impedance of the secondary winding of the transformer.

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G05F 1/56; **H02M 3/335**; **H02J 7/02**

IPC 8 full level
H02J 7/10 (2006.01); **H02J 7/02** (2016.01); **H02M 3/156** (2006.01); **H02M 3/28** (2006.01); **H02M 3/335** (2006.01); **H02P 4/00** (2006.01); **H02P 7/29** (2006.01)

CPC (source: EP US)
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