

Title (en)
ELECTRICAL CIRCUIT FOR SUPPLYING POWER

Title (de)
ELEKTRISCHE SCHALTUNG FÜR DIE STROMVERSORGUNG

Title (fr)
CIRCUIT ELECTRIQUE POUR ASSURER L'ALIMENTATION EN COURANT

Publication
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Application
EP 97938886 A 19970808

Priority

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Abstract (en)
[origin: US6031210A] PCT No. PCT/EP97/04313 Sec. 371 Date Dec. 17, 1998 Sec. 102(e) Date Dec. 17, 1998 PCT Filed Aug. 8, 1997 PCT Pub. No. WO98/06296 PCT Pub. Date Feb. 19, 1998The invention is directed to an electric circuit configuration (1) for an electrical load, in particular for an electric hair dryer, a fan heater or the like. The circuit configuration (1) comprises two heating resistors (2, 6) in parallel arrangement, of which the second heating resistor (6) is equipped with a serial switch (5). The two heating resistors (2, 6) may be connected to an a.c. source. Furthermore, provision is made for a d.c. fan motor (11) connected to one of the two heating resistors (2) via a rectifier circuit (7). The rectifier circuit (7) includes two rectifiers (8, 9) in antiparallel arrangement having connected to their junction (10) one of the connecting points of the d.c. fan motor (11). The other connecting point of the d.c. fan motor (11) is connected to the second heating resistor (6) which is equipped with the serial switch (5).

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A45D 20/30; **H02M 7/06**

IPC 8 full level
H05B 1/02 (2006.01); **A45D 20/30** (2006.01); **H02M 7/06** (2006.01); **H02P 7/06** (2006.01); **H05B 3/00** (2006.01)

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