

Publication

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Application

EP 96921174 A 19960619

Priority

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- RU 95110354 A 19950621

Abstract (en)

[origin: WO9701261A1] The invention comprises the following elements: a controllable inverter (1) consisting of a controllable master generator (2), a power amplifier (3), a set (4) of current switches and an inductor loop (5); a power supply unit (6); a primary electrical power source (7); a dividing capacitance (8); a first high-voltage divider (9); a unit (10) for monitoring the voltage of the current switch collectors; a generator blocking unit (11); a sensor (12) for detecting the presence of the heated object; a unit (13) for tuning the generator frequency; a power limiting unit (14); a second high-voltage divider (15); a pulsation level determination unit (16); a triggering unit (17); a temperature sensor (18); an audio signalling unit (19); a power control unit (20); and a load temperature sensor (21). The power control unit (20) includes a power regulator (22). The load temperature sensor (21) includes a temperature regulator (23).

IPC 1-7

H05B 6/06

IPC 8 full level

H05B 6/06 (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP)

H05B 6/062 (2013.01); **H05B 2213/07** (2013.01)

Citation (search report)

- [A] DE 3612707 A1 19861023 - SANYO ELECTRIC CO [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 048 (C - 0802) 5 February 1991 (1991-02-05)
- See also references of WO 9701261A1

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CN106678899A; EP2528411A3

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EP 0851711 A1 19980701; **EP 0851711 A4 19980701**; AU 6246196 A 19970122; BG 102165 A 19980831; BG 63359 B1 20011031; CZ 286611 B6 20000517; CZ 405397 A3 19980617; EA 000253 B1 19990225; EA 199800067 A1 19980827; HU P9802079 A2 19981228; HU P9802079 A3 20000328; LT 4373 B 19980825; LT 97192 A 19980525; PL 180559 B1 20010228; PL 324260 A1 19980511; WO 9701261 A1 19970109

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