

Title (en)

FLUID-HEATING DEVICE COMPRISING A THERMAL FUSE

Title (de)

HEIZVORRICHTUNG FÜR FLÜSSIGKEITEN MIT EINER THERMISCHEN SCHMELZSICHERUNG

Title (fr)

DISPOSITIF DE CHAUFFAGE DE FLUIDE AVEC FUSIBLE THERMIQUE

Publication

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Application

EP 06808221 A 20060929

Priority

- FR 2006002211 W 20060929
- FR 0510192 A 20051005

Abstract (en)

[origin: FR2891688A1] Device has a switch (6) selectively moved between a configuration, in which electric heating units (4) are powered and a configuration, in which electric power supplied to the units is cut off. A ring shape thermally-fusible part (7) partially fuses when an area (8) of the units exceeds a critical temperature threshold and moves the switch (6) from the power supply configuration to the power cut-off configuration. The part is made up of an electrically non-conducting plastic material. The switch has a connection terminal formed on an outer surface (12) of a complementary element (3).

IPC 8 full level

H05B 1/02 (2006.01); **H05B 3/22** (2006.01); **H05B 3/26** (2006.01); **H05B 3/46** (2006.01)

CPC (source: EP KR US)

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