

Title (en)

SAFETY DEVICE FOR A HEATING APPARATUS, HEATING APPARATUS, AND CONTINUOUS FLOW HEATER

Title (de)

SICHERUNGSVORRICHTUNG FÜR EINE HEIZVORRICHTUNG, HEIZVORRICHTUNG UND DURCHLAUFERHITZER

Title (fr)

DISPOSITIF DE SECURITE D'UN DISPOSITIF DE CHAUFFAGE, DISPOSITIF DE CHAUFFAGE ET CHAUFFE-EAU INSTANTANE

Publication

**EP 1700514 B1 20070613 (DE)**

Application

**EP 04819705 A 20041203**

Priority

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- DE 10356788 A 20031204

Abstract (en)

[origin: WO2005055659A1] The invention relates to a safety device for a fluid heating apparatus (1) comprising a heating element (2) and a heat exchanging element (3) that is connected in a heat-conducting manner to the heating element (2) and the fluid in order to transfer the heat generated by the heating element (2) to the fluid, and a fuse (10) which interrupts the heating circuit of the heating element (2) when the heat exchanging element (3) is able to transfer no more thermal energy into the fluid. A thermal heating apparatus (27) is also provided which is thermally connected to the fuse (10) and additionally supplies a limited amount of heat to said fuse (10) so as to accelerate the triggering process of the fuse (10).

IPC 8 full level

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CPC (source: EP US)

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