

Title (en)

Safety device for heating elements in temperature-controlled home appliances

Title (de)

Sicherheitsvorrichtung für Heizungselemente in Temperatur gesteuerten Haushaltgeräten

Title (fr)

Dispositif de sécurité pour éléments de chauffage dans les appareils domestiques où la température est régulée

Publication

EP 0624998 B1 19990113 (EN)

Application

EP 94201204 A 19940502

Priority

IT MI930942 A 19930511

Abstract (en)

[origin: EP0624998A1] Safety device for heating elements in home appliances with a fluid subjected to temperature control comprises a thermostat (9) provided with a heat-sensitive element (10, 29, 32) immersed in the fluid, that is thermally and mechanically coupled to said heating elements (1, 18, 31) by thermally-conducting means (11, 23, 33), so as to provide, by means of said thermostat (9), a combined control of the temperature of the fluid and of that of the heating elements (1, 18, 31). <IMAGE>

IPC 1-7

H05B 3/82; D06F 39/04; A47L 15/42

IPC 8 full level

A47L 15/42 (2006.01); **D06F 39/04** (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP US)

A47L 15/4285 (2013.01 - EP US); **D06F 34/24** (2020.02 - EP US); **H05B 3/82** (2013.01 - EP); **D06F 39/04** (2013.01 - EP US); **D06F 2103/16** (2020.02 - EP US)

Cited by

EP3133199A1; WO2008096915A1; GB2306284A; EP1795109A3; GB2301226A; GB2301226B; ITTO20080694A1; EP2543762A3; EP2118357A4; WO2010035080A1; WO9519129A1; US8882346B2; US7917991B2; US8601638B2; US8351769B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0624998 A1 19941117; **EP 0624998 B1 19990113**; DE 69415860 D1 19990225; DE 69415860 T2 19990729; ES 2127345 T3 19990416; IT 1264405 B1 19960923; IT MI930942 A0 19930511; IT MI930942 A1 19941111

DOCDB simple family (application)

EP 94201204 A 19940502; DE 69415860 T 19940502; ES 94201204 T 19940502; IT MI930942 A 19930511