

Title (en)

Temperature detecting device for heating device and method of controlling a heating device

Title (de)

Temperaturerfassungseinrichtung für eine Heizeinrichtung sowie Verfahren zur Ansteuerung einer Heizeinrichtung

Title (fr)

Dispositif de détection de température pour ensemble de chauffage ainsi que sa méthode de commande d'ensemble chauffant

Publication

**EP 1791395 A3 20080910 (DE)**

Application

**EP 06024087 A 20061121**

Priority

DE 102005057105 A 20051125

Abstract (en)

[origin: EP1791395A2] The device has a sensor (32) to detect temperature in a radiation heating device (13) and to generate a relative movement by expansion behaviors of a longitudinal bar (31) and a bar controlling tube (32) to accomplish a switching movement. The switching movement has two switching points at different positions, where each point is assigned to controller contacts (27, 28) of a bar controller (25). One point lies with the temperature of above 100 degrees Celsius and the other point lies with a low temperature, where the contacts cause the switching of output of the device (13) at both points. An independent claim is also included for a method for controlling a heating device.

IPC 8 full level

**H05B 1/02** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)

**F24C 15/105** (2013.01 - EP US); **H05B 3/746** (2013.01 - EP US); **H05B 2213/07** (2013.01 - EP US)

Citation (search report)

- [X] GB 1277848 A 19720614 - RANCO CONTROLS LTD
- [A] DE 3508585 A1 19850919 - EMERSON ELECTRIC CO [US]
- [A] DE 2943477 A1 19810507 - EGO ELEKTRO BLANC & FISCHER [DE]
- [A] GB 2336255 A 19991013 - GEN DOMESTIC APPLIANCES LIMITE [GB]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1791395 A2 20070530**; **EP 1791395 A3 20080910**; DE 102005057105 A1 20070531; US 2007121704 A1 20070531; US 7543984 B2 20090609

DOCDB simple family (application)

**EP 06024087 A 20061121**; DE 102005057105 A 20051125; US 56218206 A 20061121