

Title (en)

Electrical control device for a radiator, esp. an electrical towel drier

Title (de)

Elektrisches Steuergerät für einen Heizkörper, insbesondere einen elektrischen Handtuchrockner

Title (fr)

Dispositif électrique de commande d'un radiateur, en particulier d'un radiateur électrique sèche-serviettes

Publication

EP 1077351 B1 20011031 (FR)

Application

EP 99440227 A 19990816

Priority

EP 99440227 A 19990816

Abstract (en)

[origin: EP1077351A1] The control unit, especially for an electric radiator and towel drier with a heating element (2) inside a housing (3) e.g. filled with a heating fluid, consists of a cover (9) containing a switch or relay (5) which is operated directly by an actuator (6) or remotely via an infrared or radio frequency receiver. The cover has a hole (10) for a power feed cable (19) and a coupling (12) which plugs onto the radiator as its switch connector (7) engages with pins (8) on the heating element. The switch and actuator can be in two separate circuits, e.g. a power circuit for the switch and a low tension control circuit for the actuator.

IPC 1-7

F24H 9/18; **F24H 9/20**

IPC 8 full level

F24H 9/18 (2006.01); **F24H 9/20** (2006.01); **F24H 3/00** (2006.01)

CPC (source: EP US)

F24H 9/1863 (2013.01 - EP); **F24H 9/2014** (2013.01 - EP US); **F24H 3/004** (2013.01 - EP)

Cited by

US9285124B2; WO2010037273A1; WO2006117234A1; WO2005117674A1

Designated contracting state (EPC)

BE DE FR

DOCDB simple family (publication)

EP 1077351 A1 20010221; **EP 1077351 B1 20011031**; DE 69900417 D1 20011206; DE 69900417 T2 20020718

DOCDB simple family (application)

EP 99440227 A 19990816; DE 69900417 T 19990816