

Title (en)

INTEGRAL HEATER AND CONTROL AND THERMOSTAT THEREFOR

Title (de)

INTEGRALE HEIZVORRICHTUNG SOWIE REGEL- BZW. THERMOSTATEINRICHTUNG HIERFÜR

Title (fr)

DISPOSITIF DE CHAUFFAGE CENTRAL ET UNITE DE REGULATION OU UNITE A THERMOSTAT CORRESPONDANTE

Publication

**EP 0839303 B1 20010822 (DE)**

Application

**EP 97924950 A 19970515**

Priority

- DE 19619888 A 19960517
- EP 9702512 W 19970515

Abstract (en)

[origin: WO9744623A1] The invention relates to a heater (200), especially for central heating systems, comprising at least a heating body, especially in the form of a heating panel (210), and an outward and return line (205, 206) and a valve device (10, 50, 100), in which there is also a control to adjust the through-flow cross section by means of the valve device (10, 50, 100). According to the invention, in this heater the control for the valve device (10, 50, 100) is remote and there is an actuating device (212), e.g. a rod, rack or the like, by means of which the valve device (10, 50, 100) can be operated, and on one side of the valve body (50) is a setting device which can be operated by the actuating device or rod or the like, where the setting device is also in operative connection with a thermostat heat (10).

IPC 1-7

**F24D 19/10; F24H 9/12**

IPC 8 full level

**F16K 31/64** (2006.01); **F24D 19/10** (2006.01); **F24H 9/12** (2006.01)

CPC (source: EP US)

**F24D 19/0012** (2013.01 - EP); **F24D 19/1015** (2013.01 - EP US); **F24D 19/1018** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT

DOCDB simple family (publication)

**WO 9744623 A1 19971127**; AT E204637 T1 20010915; BG 102251 A 19980731; CN 1193383 A 19980916; CZ 44298 A3 19980617; DE 19619888 A1 19971120; DE 19619888 C2 20010719; DE 59704359 D1 20010927; EE 9800018 A 19980817; EP 0839303 A1 19980506; EP 0839303 B1 20010822; HU P9901591 A2 19990830; NO 980222 D0 19980116; NO 980222 L 19980316; PL 324521 A1 19980608; SK 18798 A3 19980909

DOCDB simple family (application)

**EP 9702512 W 19970515**; AT 97924950 T 19970515; BG 10225198 A 19980213; CN 97190543 A 19970515; CZ 44298 A 19970515; DE 19619888 A 19960517; DE 59704359 T 19970515; EE 9800018 A 19970515; EP 97924950 A 19970515; HU P9901591 A 19970515; NO 980222 A 19980116; PL 32452197 A 19970515; SK 18798 A 19970515