

Title (en)  
CONTROL DEVICE FOR THE HEATING ELEMENTS OF HOT-WATER CENTRAL HEATING SYSTEMS, ESPECIALLY OF FLOOR HEATING SYSTEMS

Publication  
**EP 0016943 B1 19811028 (DE)**

Application  
**EP 80100789 A 19800216**

Priority  
DE 2912968 A 19790331

Abstract (en)  
[origin: EP0016943A1] 1. Control device for radiators of hot water central heating installations with two separate elongate multichannel distributors (11, 12) which may be optionally mounted in a parallel manner one behind the other on a frame (1) secured to the wall in a wall recess and which have pipe connections (19) arranged in pairs in a row in each case for the forward and return flow of the heating water of radiators and with control valves (20), partially controlled by room thermostats (38), in the respective forward and return flow of the heating water, characterized in that a central control device (32) is disposed in an elongate housing (33) in an essentially parallel manner on the side of the two multi-channel distributors (11, 12) which is remote from the pipe connections (19) ; in that the central control device (32) comprises a transformer (44) for generating a low voltage which is supplied via separate coupling members (35, 36) to the individual room thermostats (38) and via first sockets (39) to the actuator motor (41) for the respective thermostatically controlled valve (20) ; in that the coupling members (35, 36) are disposed in the same order as the pipe connections (19) of the radiators regulated by the associated room thermostats (38) ; and in that the first sockets (39) are disposed in the same order as the pipe connections (19) of the radiators regulated by the associated room thermostat (38).

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**F24D 19/10**; **F24D 3/10**

IPC 8 full level  
**F24D 3/00** (2006.01); **F24D 3/10** (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)  
**F24D 3/1066** (2013.01 - EP); **F24D 19/1009** (2013.01 - EP US)

Cited by  
DE102012015892A1; EP0312505A1; EP2863132A4; DE102008049619A1

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