

Title (en)  
A control system for heating boilers

Title (de)  
Kontrollsystem für Heizkessel

Title (fr)  
Système de contrôle pour chaudières

Publication  
**EP 0971181 A3 20020703 (EN)**

Application  
**EP 99500106 A 19990623**

Priority  
ES 9801427 A 19980707

Abstract (en)  
[origin: EP0971181A2] The control system for heating boilers providing heating or both heating and sanitary hot water supply comprises a series of electronic elements defining a fixed part (2) that is permanently fitted to the boiler and has connected to it the active components for regulating said boiler; a movable part (3) that can be removably coupled to the fixed part (2) and is provided with a keyset (3a1 - 3a4) and a display screen (3b); an independent socket (7, 7', 7'') to which can be removably coupled the movable part (3) when the latter is removed from the fixed part (2), the socket (7, 7', 7'') and the movable part (3) forming when coupled together a distant control (MD) for the boiler; and a module (6) provided to be coupled to the fixed part (2) thereby replacing the previously removed movable part (3) and establishing a bidirectional communication between the socket (7, 7', 7'') and the module (6) thus allowing to regulate and control the boiler in situ. <IMAGE>

IPC 1-7  
**F24H 9/20**

IPC 8 full level  
**F24H 9/20** (2006.01)

CPC (source: EP US)  
**F24H 9/2007** (2013.01 - EP US)

Citation (search report)  
• [A] DE 19624016 A1 19971218 - HEATEC THERMOTECHNIK GMBH [DE]  
• [A] FR 2708722 A3 19950210 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by  
FR2956195A1; EP2942584A1; CN105157234A; GB2470958A; WO2006109994A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0971181 A2 20000112; EP 0971181 A3 20020703; EP 0971181 B1 20040825**; AT E274682 T1 20040915; DE 69919638 D1 20040930; ES 2147708 A1 20000916; ES 2147708 B1 20010401; ES 2227992 T3 20050401; PT 971181 E 20041231

DOCDB simple family (application)  
**EP 99500106 A 19990623**; AT 99500106 T 19990623; DE 69919638 T 19990623; ES 9801427 A 19980707; ES 99500106 T 19990623; PT 99500106 T 19990623