

Title (en)
A comfort controls system

Title (de)
Komfortreguliereinrichtung

Title (fr)
Système de contrôle de confort

Publication
EP 1020688 A3 20010530 (EN)

Application
EP 00300236 A 20000114

Priority
GB 9900740 A 19990114

Abstract (en)
[origin: EP1020688A2] A domestic heating system 20 serving a space-heating circuit 2 and a domestic hot water circuit 4 has: a base unit 21 which is located next to boiler 7 and which monitors and controls operations of the system 20; a room unit 22 located in a room containing radiator 3 of the space-heating circuit 2; a mid-position valve 23; a cylinder sensor 24 and a frost kit 25. Base unit 21 has a microprocessor-run communications and control function to process appropriate information from the elements of system 20 and to ensure suitable operation of those elements at all times.
<IMAGE>

IPC 1-7
F24D 19/10; G05D 23/19

IPC 8 full level
F24D 19/10 (2006.01)

CPC (source: EP US)
F24D 19/1066 (2013.01 - EP US)

Citation (search report)

- [XY] US 5033012 A 19910716 - WOHLDT PETER R [US]
- [X] US 5329956 A 19940719 - MARRIOTT WILLIAM D [US], et al
- [Y] FR 2760061 A1 19980828 - KSB SA [FR]
- [Y] US 5078110 A 19920107 - RODEFELD FRANK [DE]
- [A] US 4694390 A 19870915 - LEE ROBERT A S [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 063 (E - 010) 13 May 1980 (1980-05-13)
- [A] GRUHN P ET AL: "Quantifying the impact of partial stroke valve testing of safety instrumented systems", ISA TRANSACTIONS, INSTRUMENT SOCIETY OF AMERICA. PITTSBURGH, US, vol. 37, no. 2, 1 April 1998 (1998-04-01), pages 87 - 94, XP004128793, ISSN: 0019-0578

Cited by
GB2439655B; EP2434187A1; US9939384B2; US10036710B2; US10309906B2

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 1020688 A2 20000719; EP 1020688 A3 20010530; EP 1020688 B1 20050316; AT E291202 T1 20050415; DE 60018620 D1 20050421; GB 0000799 D0 20000308; GB 2345766 A 20000719; GB 2345766 B 20010321

DOCDB simple family (application)
EP 00300236 A 20000114; AT 00300236 T 20000114; DE 60018620 T 20000114; GB 0000799 A 20000114