

Title (en)

Combined hot water and heating system

Title (de)

Kombinierte Anlage für Heizung und Brauchwasserbereitung

Title (fr)

Système combiné de chauffage d'eau et de chauffage central

Publication

EP 1486735 A1 20041215 (EN)

Application

EP 04253103 A 20040526

Priority

- GB 0313350 A 20030610
- GB 0409238 A 20040426

Abstract (en)

A combined hot water and heating system (1) comprising a hot water supply means (10) and a pump (11) for pumping water from the hot water supply means (10) to a first water circuit (2; 3) and a second water circuit (2; 3). The supply of hot water to the first and second circuits (2; 3) is regulated by at least one valve means (H; HW). The system (1) further comprises control means (8), which comprises a timer operable to set predetermined heat dissipation periods. The control means (8) is operable when the hot water supply means (10) is in operation and during the heat dissipation periods to cause at least one valve (H; HW) to prevent supply of hot water from the hot water supply means (10) to at least one of said first and second water circuits (2; 3). <IMAGE>

IPC 1-7

F24D 19/10; G05D 23/19; F24D 3/08

IPC 8 full level

F24D 3/08 (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)

F24D 3/08 (2013.01 - EP); **F24D 19/1066** (2013.01 - EP US)

Citation (applicant)

US 4671457 A 19870609 - BERKHOF HENDRIKUS [NL]

Citation (search report)

- [X] GB 2320108 A 19980610 - MATTHEWS ROBERT JOHN COLIN [GB]
- [X] DE 3538934 A1 19860528 - VAILLANT JOH GMBH & CO [DE]
- [X] FR 2465164 A1 19810320 - BOSCH GMBH ROBERT [DE]
- [X] DE 3539328 A1 19860522 - VAILLANT JOH GMBH & CO [DE]
- [A] FR 1392333 A 19650312 - BURGER EISENWERK A G

Designated contracting state (EPC)

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