

Title (en)

Method and device for controlling the circulation in warm water circuits

Title (de)

Verfahren und Vorrichtung zur Zirkulationsregelung in Warmwasserkreisläufen

Title (fr)

Dispositif et méthode pour contrôler la circulation dans une installation de circulation d'eau chaude

Publication

**EP 1681515 A1 20060719 (DE)**

Application

**EP 05405706 A 20051219**

Priority

CH 462005 A 20050113

Abstract (en)

The method is for circulation control in hot water circuits, whereby in each return path (12) the temperature of the hot water in the return branch is measured and regulated as an actual value, a temperature set value of a control box is predetermined, and the measured temperature actual value through a temperature sensor and the predetermined temperature set value are compared in a valve control unit, and in the event of an exceeded negative deviation the actuator of a 2/2 directional valve is acted upon for the opening of the throughflow through the return path. An independent claim is included for a device for the carrying out of the proposed method.

IPC 8 full level

**F24D 17/00** (2006.01)

CPC (source: EP US)

**F24D 17/0078** (2013.01 - EP); **F24D 19/1051** (2013.01 - EP US)

Citation (search report)

- [A] DE 3522344 A1 19870102 - MEYER FA RUD OTTO [DE]
- [A] EP 0249070 A2 19871216 - VORTEX GMBH DT [DE]

Cited by

DE202011002327U1; CN102635147A; DE102011010840B4; EP2233648A1; EP3783269A1; DE102019122225A1; EP1947395A2; EP3783269B1; EP2487301B1

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