

Title (en)

Method for hydraulic equalisation and regulation of a heating or cooling unit and equalisation and regulation valve for same

Title (de)

VERFAHREN FÜR DEN HYDRAULISCHEN ABGLEICH UND REGELUNG EINER HEIZUNGS- ODER KÜHLANLAGE UND ABGLEICH- UND REGELVENTIL DAFÜR

Title (fr)

Procédé d'égalisation et de réglage hydrauliques d'une installation de chauffage ou de refroidissement et soupape d'égalisation et de réglage correspondante

Publication

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Application

EP 09780885 A 20090721

Priority

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- EP 08161224 A 20080725
- EP 09780885 A 20090721

Abstract (en)

[origin: WO2010010092A2] The invention relates to a method for the hydraulic compensation and control of a heating and cooling system, said system comprising at least one pump and a plurality of lines respectively comprising a compensation and control valve and a load. The method for compensation and control consists of the following steps: a control value for each of the compensation and control valves is determined for which the predetermined discharge values are reached in each line; a control range of each compensation and control valve is defined as the difference between the determined control value and the position when the compensation and control valve is closed; and the signal control range of one each of the compensation and control valves is represented in the newly defined control range.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

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Citation (opposition)

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Opponent : Danfoss A/S

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Opponent : David Molnia

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Opponent : Siemens Schweiz AG

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