

Title (en)
MODULATION CONTROL OF A HYDRONIC HEATING SYSTEM

Title (de)
MODULATIONSSTEUERUNG EINES HYDRONIC-ERWÄRMUNGSSYSTEMS

Title (fr)
COMMANDE DE MODULATION D'UN SYSTÈME DE CHAUFFAGE HYDRONIQUE

Publication
EP 2109740 A4 20120208 (EN)

Application
EP 08713951 A 20080124

Priority

- US 2008051846 W 20080124
- US 62773907 A 20070126
- US 94931407 A 20071203

Abstract (en)
[origin: WO2008091970A2] A hydronic heating system for a building includes one or more condensing and one or more non-condensing boilers in a hybrid arrangement. A control apparatus receives information from one or more condition sensors, such as air temperature or water flow, and calculates heating load requirements. The control apparatus then independently selects and operates each boiler of the system to optimize boiler efficiency and operating characteristics. Optionally, the independent operation of the boiler(s) is modulated as a function a comparison of a heat load assignment for each boiler to a heat output of the boiler(s).

IPC 8 full level
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CPC (source: EP US)
F01K 17/02 (2013.01 - EP US); **F24D 12/02** (2013.01 - EP US); **F24D 19/1009** (2013.01 - EP US); **F24D 19/1012** (2013.01 - EP US); **F24D 2200/043** (2013.01 - EP US); **Y02B 30/00** (2013.01 - EP US); **Y02B 30/70** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
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