

Title (en)
Heating system comprising an automatic venting device

Title (de)
Heizanlage mit einem selbsttätigen Entlüftungssystem

Title (fr)
Système de chauffage avec un système d'aération automatique

Publication
EP 0887595 A2 19981230 (EN)

Application
EP 98111204 A 19980618

Priority
IT PD970140 A 19970626

Abstract (en)
An automatic venting device for heating systems comprising one or more heat exchange elements which are individually or globally connected to a heated vessel which contains a substance having convective properties and is associated with heating means which are suitable to cause its evaporation, the condensate of the steam produced by the evaporation collecting directly, by natural or mechanical means, in the heated vessel. The device comprises a closed container (24) which is connected to one or more regions of the heat exchange elements and is provided with sensors (25, 26) which are suitable to detect the presence of air and with an automatic vent valve (27). The sensors and the valve are connected to a control and management unit (28) which receives signals from the sensors and opens and closes the valve (27). <IMAGE>

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IPC 8 full level
F24D 1/00 (2006.01); **F24D 19/08** (2006.01)

CPC (source: EP)
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Citation (applicant)
IT 1244098 B 19940705 - FIR COM DI ZULLO GIOVANNI

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