

Title (en)
TEMPERATURE SENSOR APPARATUS FOR A WATER STORAGE APPARATUS

Title (de)
TEMPERATURSENSORVORRICHTUNG FÜR WARMWASSERSPEICHER

Title (fr)
APPAREIL DE CAPTATION DE TEMPERATURE POUR BALLON D'EAU CHAUGE

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Application
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• EP 08775884 A 20080707
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Abstract (en)
[origin: GB2450983A] A temperature sensor apparatus for a water storage apparatus in which an amount of hot water stored can be determined by the vertical position of a hot/cold water boundary 4, the apparatus comprising: a plurality of temperature sensors 7 for installation at different height levels in the water storage apparatus, and a control unit, wherein the control unit is arranged to determine sensor location, in use, based on the order in which the sensors detect a temperature change during operation of the water storage apparatus. In another arrangement, the control unit is arranged to select one of the temperature sensors to indicate a hot water storage parameter to optimize the value of the parameter by selecting a sensor at a different level based on a desired operating condition. For example, a sensor may be selected to provide a minimum amount of cooling capacity representing a run time for the cogeneration unit.

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