Title (en)

DEVICE COMPRISING A BOILER FOR CONTAINING AND HEATING A LIQUID AND A SYSTEM FOR CONTAINING THE LIQUID AT A LOWER TEMPERATURE

Title (de)

VORRICHTUNG MIT EINEM BOILER ZUR AUFNAHME UND ERHITZUNG VON FLÜSSIGKEIT SOWIE SYSTEM ZUR AUFNAHME DER FLÜSSIGKEIT BEI GERINGERER TEMPERATUR

Title (fr)

DISPOSITIF COMPRENANT UNE CHAUDIÈRE PERMETTANT DE CONTENIR ET DE CHAUFFER UN LIQUIDE ET SYSTÈME PERMETTANT DE CONTENIR LE LIQUIDE À UNE TEMPÉRATURE INFÉRIEURE

Publication

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Application

EP 10730554 A 20100621

Priority

- IB 2010052797 W 20100621
- EP 09164611 A 20090706
- EP 10730554 A 20100621

Abstract (en)

[origin: CN101943465A] A device comprises a boiler for containing and heating a liquid; and a cool liquid system that is in liquid communication with the boiler, and that is intended to contain relatively cold liquid. During operation of the device, the boiler is activated such as to heat a quantity of liquid that is received from the cool liquid system. In order to avoid heating up of the liquid that is present inside the cool liquid system and cooling down of the liquid that is present inside the boiler, measures are taken in order to prevent a backflow of the liquid. These measures involve an application of some kind of component (9) to be positioned upstream of the boiler, and in order to avoid heat transfer through this component (9), additional measures are taken to realize a heat insulating effect at a position upstream of the boiler.

IPC 8 full level

B67D 3/00 (2006.01); **F24H 9/12** (2006.01)

CPC (source: EP KR US)

B67D 3/00 (2013.01 - KR); **F24D 19/0002** (2013.01 - KR); **F24H 9/136** (2022.01 - EP KR US)

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See references of WO 2011004279A2

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BA ME RS

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