

Title (en)
SPLIT SYSTEM FOR HEATING AND STORING WATER FOR SOLAR HEATING PLANTS, AND RELATIVE METHOD TO CONTROL OPERATION OF THE SYSTEM

Title (de)
GETRENNTES SYSTEM ZUR ERHITZUNG UND SPEICHERUNG VON WASSER FÜR SOLARHEIZANLAGEN UND ZUGEHÖRIGES VERFAHREN ZUR STEUERUNG DES BETRIEBS DIESES SYSTEMS

Title (fr)
SYSTÈME FRACTIONNÉ POUR CHAUFFAGE ET STOCKAGE D'EAU POUR CENTRALES À CHAUFFAGE SOLAIRE, ET PROCÉDÉ ASSOCIÉ DE COMMANDE DU FONCTIONNEMENT DU SYSTÈME

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Application
EP 10810930 A 20101215

Priority
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Abstract (en)
[origin: WO2011073921A2] There is described a system for heating and storing water comprising: a sanitary water circuit and a thermal fluid circuit; a solar thermal plant (5) in which said thermal fluid circulates; a primary boiler (B1) and a secondary boiler (B2), the secondary boiler having a greater capacity than the primary boiler (B1), said sanitary water and thermal fluid circuits passing through said primary and secondary boilers; means to control circulation of the thermal fluid configured to cause circulation of the thermal fluid in a circulation circuit (7A, 9, 12) in said primary boiler (B1) until reaching a first temperature of the sanitary water, and/or in a circulation circuit (7B, 11, 12) in said secondary boiler (B2); means to control the circulation of sanitary water configured to cause inflow (1) of the sanitary water to be heated in said secondary boiler (B2), passage (2, 3) into said primary boiler (B1) and outflow (4) from said primary boiler (B1) toward the user.

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