

Title (en)
MODIFIED THERMAL STORE

Title (de)
MODIFIZIERTER WÄRMESPEICHER

Title (fr)
ACCUMULATEUR THERMIQUE MODIFIÉ

Publication
EP 2132492 A2 20091216 (EN)

Application
EP 08719033 A 20080317

Priority
• GB 2008050188 W 20080317
• GB 0705082 A 20070316

Abstract (en)
[origin: WO2008114051A2] A modified thermal store (10) is adapted to supply domestic hot water from a first compartment (14) and water for one or more space heating circuits (58) from a second compartment (15). The first compartment (14) has a first primary water inlet (22) for receiving heated primary water from a main heat source (51), and an inner chamber (17) forming a reservoir for domestic hot water. The inner chamber (17) is enclosed within the first compartment (14) and has a mains water inlet (19) for receiving cold mains water and a hot water outlet (21) for discharging domestic hot water. The second compartment (15) forms a reservoir for water for the space heating circuits (58), and has a second primary water inlet (25) for receiving heated primary water from the main heat source (51), and a heating circuit outlet (26) for directing said heated primary water to the space heating circuits (58). A return flow channel (28) interconnects the first and second compartments (14, 15), and has a return inlet (29) for receiving cooled primary water returning from the heating circuits (58), and a return outlet (31) for returning said cooled primary water to the main heat source (51).

IPC 8 full level
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