

Title (en)
Combined heating boiler with improved performance

Title (de)
Kombinierter Kessel mit verbesserter Leistung

Title (fr)
Chaudière mixte avec performance améliorée

Publication
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Application
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Abstract (en)
[origin: EP0740113A1] The invention relates to a combination boiler suitable for heating heating water circulating in an external heating circuit and for heating tap water, comprising: a heating unit (1) for heating at least water circulating in a heating circuit; a buffer tank (8) for storing a quantity of heated water, and an additional heating device (10) for the tap water. As a result of this additional heating device (10), which can have a small volume, it is possible, when the temperature of water coming from the buffer tank (8) falls, to add to the drained tap water an amount of heat which is small but which becomes increasingly larger. It is thus possible to temporarily increase the capacity of the boiler while retaining the original boiler design. According to a first preferred embodiment the buffer tank (8) is adapted to store a quantity of heated tap water, wherein the buffer tank (8) is provided with a first heating element included in the heating circuit. <IMAGE>

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Cited by
GB2330649A; NL1037113C2; EP0943877A3; EP2573471A1; JP2016080183A; GB2365953A; GB2365953B; JP2020106227A; WO2019198006A1; WO2018052524A1; WO2009022226A3; US10914475B2; US11603996B2

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