

Title (en)

Installation for producing sanitary hot water and method of working the installation.

Title (de)

Vorrichtung zur Erzeugung von warmem Brauchwasser und Verfahren zum Betrieb der Vorrichtung.

Title (fr)

Appareil pour produire l'eau chaude sanitaire et procédé pour la marche de l'appareil.

Publication

EP 0452259 B1 19940511 (DE)

Application

EP 91810233 A 19910328

Priority

CH 108290 A 19900402

Abstract (en)

[origin: EP0452259A2] The installation for producing sanitary hot water has a buffer accumulator (1) which is connected to the cold water pipe (7) and to the hot water service pipe (9) of a building. From the accumulator part of the buffer accumulator (1), to which the cold water pipe (7) is connected, a supply pipe (11) leads to a heat exchanger (13), and from the accumulator part which is connected to the hot water service pipe (9), a hot water outlet pipe (15) leads to the heat exchanger (13). Supply and outlet pipes (11, 15) can be completely or partially bridged by means of a shut-off member (19) and a bypass pipe (1). The installation according to the invention provides sanitary hot water immediately after the supply of heat by the heat exchanger (13) since, because of the sanitary water which circulates completely or partially through the bypass pipe (17), only a small volume of sanitary water is heated at the beginning of heating. Moreover, a constantly hot sanitary water temperature is maintained irrespectively of the quantity of sanitary water just removed, since the heated sanitary water is removed from the consumer directly at the outflow of the sanitary hot water already stored in the buffer accumulator (1). <IMAGE>

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