

Title (en)

MIXING DEVICE FOR SETTING THE HOT WATER TEMPERATURE

Title (de)

MISCHEINRICHTUNG ZUR EINSTELLUNG DER WARMWASSEITEMPERATUR

Title (fr)

DISPOSITIF MÉLANGEUR PERMETTANT D'AJUSTER LA TEMPÉRATURE DE L'EAU CHAUDE

Publication

**EP 2598805 A2 20130605 (DE)**

Application

**EP 11715900 A 20110412**

Priority

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Abstract (en)

[origin: WO2011128318A2] The invention relates to a mixing device for setting the hot water temperature for a hot water supply system having a connection to a hot water outlet (2) of a heat generator (1) which operates in accordance with the principle of a flow heater, and having a solar-heated system part (3), wherein a thermostatic mixing valve (6) which is connected to a cold water connection (5) is provided with a hot water connection for a hot water supply line (4) which is connected to it. The invention is based on the problem of optimizing hot water provision, with integration of a solar system, at an arbitrary associated heat generator, and of providing a mixing device of simple design as an interface to said heat generator. The invention is characterized in that the thermostatic mixing valve (6) is connected to the hot water outlet (2) of the heat generator (1) and to a changeover valve (8), in that a second output of the changeover valve (8) is connected to the cold water inlet (9) of the heat generator (1), and in that the input of the changeover valve (8) is connected to the hot water feed line (10) from the solar-heated system part (3).

IPC 8 full level

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Citation (search report)

See references of WO 2011128318A2

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