

Title (en)

WATER HEATER WITH INTERMITTENT ENERGY SOURCE

Title (de)

HEISSWASSERBEREITER MIT INTERMITTIERENDER ENERGIEQUELLE

Title (fr)

CHAUFFE-EAU À SOURCE D'ÉNERGIE INTERMITTENTE

Publication

EP 2561281 A1 20130227 (EN)

Application

EP 11723854 A 20110421

Priority

- ZA 201005107 A 20100719
- ZA 201002827 A 20100422
- ZA 2011000026 W 20110421

Abstract (en)

[origin: WO2011133987A1] A water heater with a hot water compartment, the volume of which is decreased when hot water is discharged. The remaining hot water is prevented from mixing with replacement cold water. The volume of the compartment is increased again when cold water has been heated and is pushed into the hot water compartment. The water heater is divided into a receiving compartment for water at ambient temperature and a compartment from which heated water is discharged for normal usage. The previously heated water is thereby prevented from mixing with replacement cold water. All compartments can be heated or the compartments can be heated individually. The water heater keeps the hot water temperature high between usage activities, and is suited for an intermittent energy source, e.g. solar power.

IPC 8 full level

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Citation (search report)

See references of WO 2011133987A1

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