

Title (en)

DEVICE FOR PREPARING HOT WATER BY RECOVERING HEAT FROM WASTE WATER

Title (de)

VORRICHTUNG ZUR WARMWASSERBEREITUNG DURCH ABWASSERWÄRMERÜCKGEWINNUNG

Title (fr)

DISPOSITIF DE PRODUCTION D'EAU CHAUDE PAR RÉCUPÉRATION DE CHALEUR D'EAUX USÉES

Publication

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Application

EP 11721528 A 20110526

Priority

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Abstract (en)

[origin: WO2011154264A2] The invention relates to a device for preparing hot water by recovering heat from waste water, said device operating by means of a heat pump which comprises a compressor (1) and an evaporator, in particular by means of a small heat pump for domestic applications. The device is provided with a hot water reservoir (2) which is fed with thermal energy by the heat pump evaporator. The hot water reservoir (2) is thermally connected to the heat pump compressor (1) via at least one heat pipe (4), the hot water reservoir (2) being disposed above the compressor (1) and the at least one heat pipe (4) being used to dissipate to the hot water reservoir (2) waste heat produced when the compressor (1) is in operation.

IPC 8 full level

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