

Title (en)

GAS-FIRED WATER HEATER WITH EXTERNAL PUMP FOR REGULATING TEMPERATURE OF OUTLET WATER

Title (de)

GASBEHEIZTER WASSERERHITZER MIT EXTERNER PUMPE ZUR REGELUNG DER TEMPERATUR VON AUSLASSWASSER

Title (fr)

CHAUFFE-EAU À GAZ COMPORTANT UNE POMPE EXTERNE DE RÉGULATION DE TEMPÉRATURE D'EAU DE SORTIE

Publication

EP 3270075 B1 20201007 (EN)

Application

EP 17180438 A 20170710

Priority

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Abstract (en)

[origin: EP3270075A1] The present invention discloses a preheating module adapted to be attached to a gas water heating appliance for preheating cold water within circulation pipelines disposed inside and outside of the gas water heating appliance prior to the use of the appliance supplying hot water. The preheating module includes an incoming pipe section adapted for being connected to an inlet pipe of the gas water heating appliance, a return pipe section communicating with the incoming pipe section, and a water pump associated with one of the incoming pipe section and the return pipe section. The preheating module can be attached to a gas water heating appliance to ensure that hot water is always ready for demands of use, so as to enhance users' experience.

IPC 8 full level

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CPC (source: CN EP US)

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Cited by

CN111306786A; CN109611931A; CN109340905A; CN111074978A; CN111964267A; CN114754499A

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