

Title (en)

An adapter capable of being attached to a gas water heater to achieve an additional central heating function

Title (de)

Anschluß zur Fixierung an einem Gas-Wasser-Heizer um eine zusätzliche zentrale Heizfunktion zu realisieren

Title (fr)

Adaptateur pouvant être fixé à un chauffe-eau à gaz pour réaliser une fonction de chauffage central additionnelle

Publication

EP 2664858 B1 20221221 (EN)

Application

EP 13167832 A 20130515

Priority

CN 201210171125 A 20120519

Abstract (en)

[origin: EP2664858A2] The present invention discloses an adapter capable of being attached to a gas water heater to achieve a central heating function. The adapter comprises a heat exchanger having a first fluid passageway capable of being intercommunicated to the gas water heater, and a second fluid passageway interchanging heat but physically isolated with said first fluid passageway; a first diverter valve connected to the first fluid passageway and being operable to selectively connect the first fluid passageway to the gas water heater thereby allowing fluid fed from the gas water heater to pass through the first fluid passageway. By employing the adapter as described above, the existing gas water heater can be upgraded to a gas boiler by simple modifications. As a result, the total invest is reduced for users, and cost of development and manufacturing is decreased for manufactures.

IPC 8 full level

F24D 3/08 (2006.01); **F24D 17/00** (2022.01); **F24H 9/14** (2006.01)

CPC (source: EP)

F24D 3/08 (2013.01); **F24D 17/0026** (2013.01); **F24H 9/142** (2013.01); **F24H 9/144** (2013.01)

Cited by

CN112656264A; CN114574330A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2664858 A2 20131120; **EP 2664858 A3 20160907**; **EP 2664858 B1 20221221**; CN 102818368 A 20121212; CN 102818368 B 20141029; ES 2938870 T3 20230417

DOCDB simple family (application)

EP 13167832 A 20130515; CN 201210171125 A 20120519; ES 13167832 T 20130515