

Title (en)

Method for producing hot water and warm water for ambient heating

Title (de)

Verfahren zur Herstellung von heißem Brauchwasser und Warmwasser für Heizzwecke

Title (fr)

Procédé de production d'eau chaude et eau chaude pour chauffage ambiant

Publication

EP 2573471 A1 20130327 (EN)

Application

EP 12008585 A 20080811

Priority

- EP 08789089 A 20080811
- IT TO20070602 A 20070816

Abstract (en)

A process for the production of domestic hot water and ambient heating water, comprising the steps of: - drawing cold water from a domestic water tapping circuit (17, 7), - providing a hydraulic circuit combined and exchanging heat with a burner (3), said hydraulic circuit comprising a first branch (19, 20) for the ambient heating water and a second branch (11, 6, 15) for heating the domestic water, parallel to the first branch (19, 20), - storing in a tank (10) which exchanges heat (E) with the second branch (11, 6, 15) a quantity of domestic water drawn from the tapping circuit (17, 7), - heating the water in the hydraulic circuit by means of the burner (3) according to the demand for ambient heating water and/or domestic hot water, - diverting the water in the hydraulic circuit towards the first branch (19, 20) or towards the second branch (11, 6, 15) according to the demand for ambient heating water and/or domestic hot water. The step for heating the water in the hydraulic circuit and/or the diversion step are controlled according to values representative of the domestic water temperature (T_{acc} , T_s) and/or of the flow rate (P) of the domestic water drawn from the tapping circuit (17, 7).

IPC 8 full level

F24D 3/08 (2006.01); **F24D 19/10** (2006.01)

CPC (source: EP US)

F24D 3/082 (2013.01 - EP); **F24D 19/1066** (2013.01 - EP US); **F24D 2220/08** (2013.01 - EP)

Citation (applicant)

EP 0778450 A1 19970611 - CHAFFOTEAUX ET MAURY [FR]

Citation (search report)

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Cited by

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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009022226 A2 20090219; **WO 2009022226 A3 20120531**; EP 2201303 A2 20100630; EP 2573471 A1 20130327; IT TO20070602 A1 20090217

DOCDB simple family (application)

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