

Title (en)

Heater for room heating and domestic water production

Title (de)

Heizgerät für Raumheizung und Brauchwasserbereitung

Title (fr)

Appareil de chauffage pour le chauffage de locaux et pour la préparation d'eau sanitaire

Publication

**EP 0548536 B1 19960417 (DE)**

Application

**EP 92119597 A 19921117**

Priority

DE 4142547 A 19911221

Abstract (en)

[origin: EP0548536A1] In a known heater of the generic type, a heat exchanger arranged in a domestic water storage tank is connected in parallel with the two appliance connections for the heating network and an additional storage tank is provided next to the domestic water storage tank in order to compensate the output deficit of the heat source of the heater at the beginning of domestic water tapping. As a result of the series connection according to the invention of an internal, domestic water-bearing hot water circuit 40a, 40b to the pipe system 52a, 52b for the heating water, as well as its heating taking place directly via the hot water circuit 52a, 52b, the output/volume ratio of the heater can be optimised and the domestic water convenience of an installation with externally installed domestic water storage tank can be achieved. Preferred area of application is heaters with a gas burner as heat source. <IMAGE>

IPC 1-7

**F24D 3/08**; **F24H 9/14**; **F24H 1/48**

IPC 8 full level

**F24D 3/08** (2006.01); **F24H 1/48** (2006.01); **F24H 9/14** (2006.01)

CPC (source: EP)

**F24D 3/08** (2013.01); **F24H 1/48** (2013.01); **F24H 9/14** (2013.01); **F24H 9/142** (2013.01); **F24H 9/148** (2013.01)

Cited by

AT410023B; EP2413046A1; CN102345929A; US9328941B2

Designated contracting state (EPC)

DE ES FR GB IT PT

DOCDB simple family (publication)

**EP 0548536 A1 19930630**; **EP 0548536 B1 19960417**; DE 4142547 A1 19930624; DE 4142547 C2 19931125; DE 59206043 D1 19960523; ES 2086618 T3 19960701

DOCDB simple family (application)

**EP 92119597 A 19921117**; DE 4142547 A 19911221; DE 59206043 T 19921117; ES 92119597 T 19921117