

Title (en)

Boiler for heating and for producing sanitary hot water

Title (de)

Kombikessel zum Heizen und zur Brauchwasserbereitung

Title (fr)

Chaudière de chauffage et de préparation d'eau chaude sanitaire

Publication

EP 0940636 B1 20021106 (EN)

Application

EP 99830117 A 19990305

Priority

IT PR980016 A 19980306

Abstract (en)

[origin: EP0940636A2] A boiler (1) of the combined type for heating and for producing sanitary hot water, comprising a primary circuit (7, 8, 9) for a heating fluid, having a delivery branch (7) and a return branch (8) intended for connection to a heating system, and a secondary branch (9) which connects the delivery branch to the return branch. A circulation pump (14) operates along the return branch upstream of a primary heat exchanger (13). A secondary heat exchanger (18) which is inserted in the secondary branch (9) exchanges heat between the heating fluid in the primary circuit and the sanitary water in a secondary circuit (15). A storage vessel (22) for the heating fluid in the primary circuit, which is inserted in said secondary branch (9), is located downstream of the secondary heat exchanger (18). <IMAGE>

IPC 1-7

F24D 3/08

IPC 8 full level

F24D 3/08 (2006.01); **F24H 1/52** (2006.01)

CPC (source: EP)

F24D 3/08 (2013.01); **F24D 2220/08** (2013.01); **F24H 1/52** (2013.01)

Cited by

FR2817610A1; US2010230088A1; EP3513132A4; EP3825624A1; WO2018052524A1; US10914475B2; US11603996B2; EP3825624B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0940636 A2 19990908; EP 0940636 A3 20010912; EP 0940636 B1 20021106; AT E227409 T1 20021115; DE 69903763 D1 20021212; DE 69903763 T2 20030703; DK 0940636 T3 20030217; ES 2186315 T3 20030501; IT 1306040 B1 20010529; IT PR980016 A1 19990906; SI 0940636 T1 20030630

DOCDB simple family (application)

EP 99830117 A 19990305; AT 99830117 T 19990305; DE 69903763 T 19990305; DK 99830117 T 19990305; ES 99830117 T 19990305; IT PR980016 A 19980306; SI 9930185 T 19990305