

Title (en)

Heating apparatus with storage vessel and heat exchanger, and method for manufacturing same

Title (de)

Heizungsgerät mit Speicher und Wärmetauscher, und dessen Herstellungsverfahren

Title (fr)

Appareil de chauffage avec accumulateur et échangeur de chaleur, et procédé de fabrication

Publication

EP 0843134 B1 20030319 (EN)

Application

EP 97203608 A 19971119

Priority

NL 1004570 A 19961119

Abstract (en)

[origin: EP0843134A1] Heating apparatus (1), comprising a storage vessel (2) and a heat exchanger (3) extending in the storage vessel (2), which heat exchanger (3) comprises a burner space (19) and, connecting thereto, a heat-exchanging part (21) and is provided with gas mixture-supply means for a gas-air mixture (16) to burner means (17) disposed in the burner space and flue gas-discharge means, wherein the storage vessel (2) comprises water-supply means (7) and water-discharge means (10), wherein the heat exchanger (3) is substantially manufactured through casting from light metal and the vessel is substantially manufactured from sheet material, wherein the gas mixture-supply means are disposed adjacent a first end (15) of the heat exchanger and the flue gas-discharge means are disposed adjacent a second end (23) spaced from the first end (15), wherein the first end of the heat exchanger (3) is located adjacent the top side of the storage vessel in a first wall part of the storage vessel (2) and the second end (23) is located adjacent a bottom side of the storage vessel (2) in a second sheet part, and wherein the storage vessel (2) is adapted for storing and feeding through water for use in a space-heating circuit (9).

IPC 1-7

F24H 1/28; **F24H 1/52**

IPC 8 full level

F24H 1/28 (2006.01); **F24H 1/52** (2006.01); **F24D 3/08** (2006.01)

CPC (source: EP)

F24H 1/287 (2013.01); **F24H 1/52** (2013.01); **F24D 3/08** (2013.01)

Cited by

EP0981024A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0843134 A1 19980520; **EP 0843134 B1 20030319**; AT E235029 T1 20030415; DE 69719917 D1 20030424; DE 69719917 T2 20040205; NL 1004570 C2 19980520

DOCDB simple family (application)

EP 97203608 A 19971119; AT 97203608 T 19971119; DE 69719917 T 19971119; NL 1004570 A 19961119