

Title (en)

Gas-fired wall boiler with improved supporting frame and expansion tank arrangement

Title (de)

Gasbeheizter Heisswasserbereiter mit verbessertem Stützrahmen und Ausdehnungsgefäß

Title (fr)

Chauffe-eau chauffé au gaz avec cadre de support amélioré et avec vase d'expansion

Publication

EP 0895034 A1 19990203 (EN)

Application

EP 98111477 A 19980620

Priority

IT MI970577 U 19970729

Abstract (en)

The supporting frame (10) for gas-fired wall boilers and the like has a pair of parallel uprights (11,12) connected to each other by transverse elements (13). The expansion tank (17) is arranged in the front portion of the boiler and the supporting frame (10) is provided with two brackets (14,16), the first of which (14) is connected to the lower end of one of the uprights (11 or 12) of the boiler supporting frame (10) whereas the second (16) is connected to the same upright (11 or 12), but above the first bracket (14). The expansion tank (17) is provided with hinging means (18,19) cooperating with corresponding hinging means arranged at the free ends of the two brackets (14,16) to permit the expansion tank to be pivotally connected to the supporting frame (10) and to be rotated about a vertical axis. <IMAGE>

IPC 1-7

F24H 9/02; **F24D 3/10**

IPC 8 full level

F24D 3/10 (2006.01); **F24H 9/02** (2006.01); **F24H 9/14** (2006.01)

CPC (source: EP)

F24D 3/1008 (2013.01); **F24H 9/02** (2013.01); **F24H 9/14** (2013.01)

Citation (search report)

- [A] AT 402851 B 19970925 - VAILLANT GMBH [AT]
- [X] XP002900297

Cited by

ITAN20120125A1; EP1209425A3; EP3650759A1

Designated contracting state (EPC)

AT DE ES FR GB NL

DOCDB simple family (publication)

EP 0895034 A1 19990203; **EP 0895034 B1 20011212**; AT E210806 T1 20011215; DE 69802875 D1 20020124; DE 69802875 T2 20020801; ES 2169461 T3 20020701; IT 237832 Y1 20000929; IT MI970577 U1 19990129

DOCDB simple family (application)

EP 98111477 A 19980620; AT 98111477 T 19980620; DE 69802875 T 19980620; ES 98111477 T 19980620; IT MI970577 U 19970729