

Title (en)

Improved expansion vessel for wall-mounted boiler

Title (de)

Verbessertes Ausdehnungsgefäß für einen wandmontierten Boiler

Title (fr)

Cuve d'expansion améliorée pour chaudière à montage mural

Publication

EP 2161509 A3 20160406 (EN)

Application

EP 09169468 A 20090904

Priority

IT MI20080283 U 20080909

Abstract (en)

[origin: EP2161509A2] An expansion vessel for gas wall-mounted boiler, for example a condensing boiler (1), is placed within a boiler structure containing a burner, a mixing organ (6) wherein the gas arrives and connected to a fan (5) which sends such gas and said air to a duct (4) connected to the burner (3), said expansion vessel having a body (12) having a plurality of walls (16, 17, 18, 19, 20, 21) delimiting an inner compartment, a pair (20, 21) of such walls having a larger surface than the remaining walls of the above-mentioned body (12). A wall (20) of such pair of walls (20, 21) has at least a concavity (25; 25A, 25B), said wall (20) receding into the inner compartment towards the other wall (21) of such pair at such concavity (25; 25A, 25B).

IPC 8 full level

F24D 3/10 (2006.01)

CPC (source: EP)

F24D 3/1008 (2013.01)

Citation (search report)

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- [X] DE 2063264 A1 19720629
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Cited by

IT201900025048A1; EP2163826A3; CN106765441A

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