

Title (en)  
Heating device

Title (de)  
Heizgerät

Title (fr)  
Appareil de chauffage

Publication  
**EP 2051006 A1 20090422 (DE)**

Application  
**EP 07020525 A 20071019**

Priority  
EP 07020525 A 20071019

Abstract (en)  
The device has a heat exchanger, and a combustion device comprising a combustion chamber and a burner (5). A wall surrounding the combustion chamber forms a part of a pre-mixing arrangement (3) of the burner. The pre-mixing arrangement has a component selected from a group of gaseous fuel inlet pipe, injection tube, gaseous fuel inlet (7), venturi tube (8), plenum (9) and burner surface (2). The component is integrated in a housing (1) of the heat exchanger. The housing has two housing halves which form a part of the wall of the combustion chamber during assembly.

Abstract (de)  
Um eine Brennereinrichtung mit mindestens einer Brennkammer und mindestens einem eigentlichen Brenner (5) in den Gehäusebestandteilen (1) eines Wärmetauschers eines Heizgerätes zu integrieren und damit eine Material- und Kostenersparnis und gegebenenfalls eine Platzersparnis zu erzielen, wird vorgeschlagen, dass mindestens eine Komponente (3a, 3b) der Brennereinrichtung im Gehäuse (1) des Wärmetauschers integriert ist.

IPC 8 full level  
**F23D 14/10** (2006.01); **F24H 1/06** (2006.01); **F24H 3/00** (2006.01); **F24H 6/00** (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)  
**F23D 14/10** (2013.01); **F24H 1/06** (2013.01); **F24H 3/006** (2013.01); **F24H 6/00** (2013.01); **F24H 9/1836** (2013.01)

Citation (applicant)  
• DE 3916142 A1 19891130 - VAILLANT JOH GMBH & CO [DE]  
• EP 0262546 A2 19880406 - KREIS TRUMA GERAETEBAU [DE]

Citation (search report)  
• [X] DE 3916142 A1 19891130 - VAILLANT JOH GMBH & CO [DE]  
• [XY] EP 0262546 A2 19880406 - KREIS TRUMA GERAETEBAU [DE]  
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