

Title (en)  
Warm air heater

Title (de)  
Warmluftheizung

Title (fr)  
Chauffage à air chaud

Publication  
**EP 2682688 B1 20180321 (DE)**

Application  
**EP 13175641 A 20130708**

Priority  
DE 102012106128 A 20120706

Abstract (en)  
[origin: EP2682688A1] The distributor has a heating air duct (2) that is provided to pass the heating air. An exhaust opening (22) is formed at the end of the heating air duct to pass the hot air. A mixing chamber (1) is positioned between the heating air duct and the exhaust opening, to mix the ambient air with the hot air passed through the exhaust opening. A sensor unit is provided to determine the amount of the supplied ambient air and/or heated air, and/or to determine the temperature, the air flow rate, and/or pressure. Independent claims are included for the following: (1) a hot air heater; and (2) a method of operating a hot air heater.

IPC 8 full level  
**F24H 3/08** (2006.01); **F24D 5/04** (2006.01); **F24F 1/01** (2011.01); **F24H 9/00** (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)  
**F24D 5/04** (2013.01 - EP); **F24H 3/087** (2013.01 - EP); **F24H 9/0063** (2013.01 - EP); **F24H 9/0073** (2013.01 - EP);  
**F24H 9/2085** (2013.01 - EP US); **F24H 15/208** (2022.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/242** (2022.01 - EP US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2682688 A1 20140108**; **EP 2682688 B1 20180321**; DE 102012106128 A1 20140508

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