

Title (en)

Combustiongas-producing installation, especially hot water boiler

Title (de)

Verbrennungsgase erzeugende Anlage, insbesondere Warmwasserheizkessel

Title (fr)

Installation produisant des gaz de combustion, notamment chaudière d'eau chaude

Publication

EP 0643273 B1 19981125 (DE)

Application

EP 94113842 A 19940903

Priority

DE 4331121 A 19930914

Abstract (en)

[origin: EP0643273A1] The invention starts out from a combustion gas-producing installation, especially a hot water heating installation, having a suction fan (12) for the combustion gases and having one or more downstream heat exchangers (11, 14). In order to improve the safety of these installations and avoid the possibility of combustion gases causing damage, according to the invention the combustion chamber is assigned a vacuum gauge and, in addition, the suction fan (12) is arranged after the last heat exchanger (11, 14), seen in the flow direction of the combustion gases. <IMAGE>

IPC 1-7

F24H 9/20; F24D 5/08; F23N 1/06

IPC 8 full level

F23N 1/06 (2006.01); **F24D 5/08** (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)

F23N 1/06 (2013.01 - EP); **F24D 5/08** (2013.01 - EP); **F24H 9/2035** (2013.01 - EP US); **F24H 15/20** (2022.01 - EP US);
F24H 15/36 (2022.01 - EP US); **F23N 2225/04** (2020.01 - EP); **F23N 2233/02** (2020.01 - EP)

Cited by

NL2006919C2; EP2532978A3; WO2009036927A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0643273 A1 19950315; EP 0643273 B1 19981125; AT E173810 T1 19981215; DE 4331121 A1 19950316; DE 59407330 D1 19990107

DOCDB simple family (application)

EP 94113842 A 19940903; AT 94113842 T 19940903; DE 4331121 A 19930914; DE 59407330 T 19940903