

Title (en)

BOILER AND METHOD FOR DETECTING A BACKFLOW OF A FLUID IN A COMBUSTION CHAMBER OF THE BOILER

Title (de)

KESSEL UND VERFAHREN ZUR ERKENNUNG EINES FLÜSSIGKEITSRÜCKFLUSSES IN EINER BRENNKAMMER DES KESSELS

Title (fr)

CHAUDIÈRE ET PROCÉDÉ DE DÉTECTION D'UN REFLUX DE FLUIDE DANS UNE CHAMBRE DE COMBUSTION DE LA CHAUDIÈRE

Publication

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Application

EP 22743513 A 20220721

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Abstract (en)

[origin: EP4123241A1] The invention relates to a system (10) for detecting a backflow of a fluid, in particular a backflow of a fluid originating from a blocked condensate trap, in a combustion chamber (20) of a boiler (100), in particular for domestic hot water generation or central heating, wherein a burner (30) for combusting fuel gas, in particular including hydrogen, is arranged within the combustion chamber (20), characterized in that a sensor (40) for detecting fluid includes at least one probe (41) that is adapted and arranged in a lower part (21) of the combustion chamber (20) to get into physical contact with the fluid.

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