

Title (en)

PREMIX SYSTEM FOR THE BURNER OF A DOMESTIC BOILER AND METHOD OF DETECTION OF THE PARTIAL OBSTRUCTION OF A PIPE OF THE BOILER

Title (de)

VORMISCHSYSTEM FÜR EINEN BRENNER EINES HAUSHALTSKESSLS UND VERFAHREN ZUR ERKENNUNG EINES TEILWEISEN VERSCHLUSSES EINES ROHRES DES HAUSHALTSKESSLS

Title (fr)

SYSTÈME A PRÉMÉLANGE POUR UN BRÛLEUR DE CHAUDIÈRE DOMESTIQUE ET MÉTHODE DE DETECTION D'UNE OBSTRUCTION PARTIELLE D'UNE CONDUITE DE LA CHAUDIÈRE

Publication

**EP 1948999 A2 20080730 (EN)**

Application

**EP 06820952 A 20061115**

Priority

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- IT TO20050818 A 20051118

Abstract (en)

[origin: WO2007057772A2] A heating apparatus, in particular a boiler for domestic use, has a pre-mix system (10, 20), prearranged for supplying a pre-mix burner (5) with a mixture formed by combustion air and combustible gas. The pre-mix system comprises a fan assembly (10) and a control valve (20) for supply of the gas, and integrates means for detecting a condition of at least partial obstruction of a path for supply of the combustion air (3) and/or of a path for discharge (31) of the combustion fumes produced by the burner.

IPC 8 full level

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CPC (source: EP)

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