

Title (en)

Arrangement for partial recirculation of exhaust gases from heating boilers powered by gas or other fuels

Title (de)

Anordnung für partielle Rezirkulation der Abgase von mit Gas oder anderen Brennstoffen betriebenen Heizkesseln

Title (fr)

Disposition pour le recyclage partiel des fumées de chaudières alimentées en gaz ou autres combustibles

Publication

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Application

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Priority

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Abstract (en)

The aim of the present invention is to provide a method and device for partially recycling exhaust fumes (5) from the combustion chamber in a balanced flue boiler. Suitable passages (8.1;8.2) are foreseen to connect the outlet flue (4) of the fumes (5) to the inlet flue (6) of the comburent air (7); said passages (8.1;8.2) being designed to take in part (5.1) of the fumes, that are then mixed with the comburent air (7) thus returning into the combustion chamber. Inside the outlet flue (4) are positioned panels (9) in perforated or stretched metal foil, electrostatically charged by well-known means, to filter and retain the suspended particles transported by the fumes (5). <IMAGE>

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Citation (search report)

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