

Title (en)

SUCK THROUGH INSTALLATION FOR GAS SENSING ELEMENTS IN HEATING PLANTS

Publication

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Application

EP 87117122 A 19871120

Priority

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Abstract (en)

[origin: EP0276399A2] In a heating plant (1), in which the air required for combustion is delivered by a fan (4), and which contains a gas-sensing element (6) for example for optimisation of the combustion, a measuring chamber (10) of the gas-sensing element (6) is connected via a suction pipe (12) to a point of the fan (4), at which, with any load condition of the heating plant (1), a pressure arises, which is lower than that pressure which prevails at the extraction point of the combustion gas for the measuring chamber (10). The gas-sensing element (6) as a result has a smaller adjustment time and thus better behaviour for the optimisation regulation without additional wear-dependent parts such as pumps being necessary. <IMAGE>

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