

Title (en)
Method of discharging purified flue gases

Title (de)
Verfahren zur Ableitung von gereinigten Rauchgasen

Title (fr)
Procédé d'évacuation des gaz de fumée purifiés

Publication
EP 0606630 B1 19961030 (DE)

Application
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Abstract (en)
[origin: EP0606630A1] The invention relates to a method of discharging flue gases (pure gases), purified by catalytic denitrification, dust removal and wet desulphurisation from a furnace installation, in particular a fossil fuel-operated power station, into the atmosphere, wherein the pure gases, saturated with water vapour, are fed, after they have left the flue gas desulphurisation plant (5), by a suction fan (6) to the stack (7) and are heated before they enter the stack (7). In order to reduce the cost of construction and utilities and to avoid the emission of highly corrosive coarse particles, the heating of the pure gases takes place during operation by exploiting the polytropic compression work of the suction fan (6). At the same time, the wall of the pure-gas duct (8) between the fan outlet and the stack outlet is electrically heated (9) to a temperature above the temperature of the pure gas. During the starting times and other phases with increased production of moisture, additional heating (11) of the pure gases is carried out before they enter the stack (7). <IMAGE>

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