

Title (en)  
Burner automat

Title (de)  
Feuerungsautomat

Title (fr)  
Automate à brûleur

Publication  
**EP 0614051 B1 19970305 (DE)**

Application  
**EP 93114743 A 19930914**

Priority  
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Abstract (en)  
[origin: EP0614051A1] The invention relates to an automatic firing unit (1) for driving a blower (3) having a blower drive (2) and a fuel pump (5) having a fuel pump drive (4). The automatic firing unit (1) has a programmer (20) which controls and monitors a start-up process and continuous operation, blower (3) and fuel pump (5) being controlled at each operating point in accordance with the data stored in a desired value memory (22). According to the invention, the automatic firing unit (1) has an operating mode switch (28), in whose "SET" position a desired value generator (27) determines desired values for the units for controlling air quantity and fuel quantity, taking into account measured data from an exhaust gas probe (26) connected to an interface (25), and writes the said desired values into the desired value memory (22). By means of the invention, it is made possible to configure the automatic firing unit (1) at the first start-up and/or a later adjustment in such a way that optimal desired values are determined for the units for controlling air quantity and fuel quantity, in order to achieve favourable emission values from a burner controlled by the automatic firing unit (1), without having to connect a computer for this purpose. <IMAGE>

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IPC 8 full level  
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DE 3039994 A1 19820506 - DUNGS KARL GMBH & CO [DE]

Cited by  
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