

Title (en)

AIR-FUEL RATIO CONTROL DEVICE FOR HEAT GENERATORS, PARTICULARLY FOR CIVIL PLANTS

Publication

EP 0488969 A3 19921125 (EN)

Application

EP 91830521 A 19911127

Priority

IT 4853690 A 19901130

Abstract (en)

[origin: EP0488969A2] This invention relates to a device for controlling the fuel/comburant ratio in heat generators, in particular for civil plants, said device comprising a first fuel flowrate sensor (1) which is sensitive to the mass flowrate and is capable of transducing the presence/absence of network at the terminals of the fuel flowrate control means into an ON/OFF electric signal, a second comburant flowrate sensor (2) which is sensitive to the mass flowrate, a transduction, control and actuation electronic member (3) which is capable of determining the operation of the device itself on the basis of values set forth in the start step and on the basis of the signals that arrive from the two sensors, and a motorized control means (9) which, following a command of an electric impulse sent by said electronic member (3) opens or closes the opening for the passage of comburant air so as to keep the fuel/comburant ratio constant. <IMAGE>

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Citation (search report)

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