

Title (en)
CONTROL MECHANISM FOR A GAS BOILER

Title (de)
STEUERMECHANISMUS FÜR EINEN GASKESSEL

Title (fr)
MÉCANISME DE COMMANDE POUR UNE CHAUDIÈRE À GAZ

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Abstract (en)
[origin: EP4102135A1] The invention relates to a control mechanism (1) for a gas boiler (2) for combusting combustion gas, the mechanism (1) comprising a flame sensor (3) for detecting the presence of a flame; a ionization electrode (4) for detecting a ionization current; and a control unit (5) to control the operation of the boiler (2), said control unit (5) being connected to the flame sensor (3) and the ionization electrode (4) to acquire a flame detection signal and ionization detection signal, respectively, wherein the control unit (5) is configured to set an operating mode of the boiler (2) based on at least one of the acquired flame detection signal and the acquired ionization detection signal.

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