

Title (en)
Device for gas combustion

Title (de)
Vorrichtung zur Gasverbrennung

Title (fr)
Appareil à combustion de gaz

Publication
EP 1507115 A1 20050216 (EN)

Application
EP 03077541 A 20030811

Priority
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Abstract (en)
Device for gas combustion, comprising a basic structure (1), which is formed by a solenoid valve (2), which is linked by one of its connections to the gas-supply piping (3), the other connection of solenoid valve (2) contacting a pressure regulator (4) at the end of which there is mounted a gas burner (5); the basic structure (1) further comprising a pilot gas burner (6) and a heat sensor (7), the former intended for producing a spark causing the gas supplied to gas burner (5) to ignite, whereas the latter will perform the function of a parameter for constantly measuring the rate of heat generated by the device now proposed, signaling a possible condition in which the burning of gas through the gas burner (5) has been discontinued, thus allowing the external control means (8) to discontinue the supply of the flow of gas. <IMAGE>

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IPC 8 full level
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F23D 14/30 (2013.01 - EP US); **F23N 5/082** (2013.01 - EP US); **F23K 2900/05001** (2013.01 - EP US); **F23N 2231/06** (2020.01 - EP US); **F23N 2231/18** (2020.01 - EP US); **F23N 2235/14** (2020.01 - EP US)

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