Title (en)
METHOD AND ARRANGEMENT FOR IGNITING A GAS FLOW

Title (de)
VERFAHREN UND ANORDNUNG ZUM ZUNDEN EINES GASSTROMES

Title (fr)
PROCEDE ET DISPOSITIF POUR ENFLAMMER UN COURANT GAZEUX

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Abstract (en)
[origin: WO2004072554A1] The invention relates to a method and an arrangement for igniting a gas flow by means of remote control. The aim of the invention is to maintain the current consumption so low that an integratable voltage source can be used. To this end, a thermoelectric safety pilot valve (17) is opened and the escaping gas ignited by the actuation of an electronic control unit (5) fed by a voltage source. Said thermoelectric safety pilot valve (17) is maintained open by a safety pilot magnet (18) by means of a holding current from the voltage source until a thermocouple (22) provides the required holding current once the gas flow has been ignited or a defined holding time is exceeded.

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