

Title (en)
ARRANGEMENT COMPRISING A GAS DELIVERY CONTROL SYSTEM AND A CENTRAL HEATING INSTALLATION AND GAS DELIVERY CONTROL METHOD

Title (de)
ANORDNUNG MIT EINEM GASZUFUHRSTEUERSYSTEM UND ZENTRALHEIZUNGSANLAGE SOWIE GASZUFUHRSTEUERVERFAHREN

Title (fr)
AGENCEMENT COMPRENANT UN SYSTÈME DE COMMANDE DE DISTRIBUTION DE GAZ ET UNE INSTALLATION DE CHAUFFAGE CENTRAL ET PROCÉDÉ DE COMMANDE DE DISTRIBUTION DE GAZ

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Application
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Abstract (en)
[origin: WO2012125022A2] An arrangement is disclosed of a gas delivery control system (1) and one or more appliances (AP) including a central heating installation. The one or more appliances are arranged for generating a request signal (S1) indicative for a requested supply of gas by at least one of the appliances. The gas delivery control system comprises, - a controllable gas valve (10) having an input (12) to be coupled to a gas supply (GS) via a conduit (22) and having an output (14), - a control device (30) for controlling the controllable valve, wherein the control device controls the controllable valve in accordance with a value of the request signal of the one or more appliances coupled to the output of the valve via a conduit, - a gas pressure sensor (40) for determining whether the gas pressure in the conduit has a value lower than a pressure reference value, - a reference module (50) for determining whether a predetermined time interval has lapsed since a closure of the controllable gas valve, - an error signaling module (60) for issuing an error signal (Error) if it is detected before a lapse of the predetermined time interval that the gas pressure is lower than the pressure reference value. [FIG. 1]

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Cited by
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