

Title (en)
GASIFICATION DEVICE AND GASIFICATION METHOD

Title (de)
VERGASUNGSEINRICHTUNG UND VERGASUNGSVERFAHREN

Title (fr)
ÉQUIPEMENT DE GAZÉIFICATION ET PROCÉDÉ DE GAZÉIFICATION

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Application
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Abstract (en)
[origin: WO2011101022A1] The invention relates to a gasification device for producing an ignitable gas from a solid substance, comprising a gasification zone into which the solid substance can be filled via a filling opening, and an oxidation zone for the oxidation of the gas produced, which oxidation zone is connected to the gasification zone for the conduction of the gas produced into the oxidation zone. According to the invention, the efficiency of the gasification device is improved in that the gasification zone is divided into a plurality of mutually adjacent gasification sectors, a temperature measuring unit is provided which is designed to measure the temperature prevailing in each gasification sector, and the temperature measuring unit is coupled in signal-transmitting fashion to a control unit which is coupled in signal-transmitting fashion to an air supply device designed to supply air individually to each gasification sector, wherein the respective amount of air supplied to each gasification sector per unit time is dependent on the temperature measured in said gasification sector.

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