

Title (en)

METHOD FOR OPTIMIZING THE OPERATION OF A GAS GENERATOR AND A GAS GENERATOR

Title (de)

VERFAHREN ZUR OPTIMIERUNG DES BETRIEBS EINES GASGENERATORS UND GASGENERATOR

Title (fr)

GAZOGÈNE ET PROCÉDÉ POUR L'OPTIMISATION DE SON FONCTIONNEMENT

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Application

EP 13752321 A 20130215

Priority

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Abstract (en)

[origin: WO2013124536A1] The present invention relates to a method for optimising the operation of a gas generator and a gas generator. The gas generator has a housing part (30), at the upper end of which are means (12, 20-22, 20'-22') for supplying fuel to a fuel compartment (14) inside the housing part. The fuel descends by the force of gravity onto a grate (1, 2), at a point above the grate being formed a combustion zone, in connection with which are arranged means (4, 5) for supplying gasification gas to it. In the method is used a grate (1, 2) comprised of two concentrically arranged first (1) and second (2) grate parts, of which grate parts at least one grate part (2) can be turned around an axis of rotation passing through a joint centre. The grate parts (1, 2) can be moved in the direction of the said axis of rotation towards each other into their mutually interlocking position, and away from each other, into a position partly or completely out of the said interlocking position. The said grate parts (1, 2) are moved with respect to each other and/or jointly to regulate the flow of gases through the grate and/or the removal of ash from the grate and/or to prevent the entry of not completely burnt fuel through the grate.

IPC 8 full level

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Citation (search report)

- [I] US 2007006528 A1 20070111 - DIEBOLD JAMES P [US], et al
- [A] GB 2152653 A 19850807 - TRUCH EDWARD
- [A] GB 2164660 A 19860326 - ENGLISH ELECTRIC CO LTD
- See references of WO 2013124536A1

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