

Title (en)
METHOD AND DEVICE FOR FEEDING INFLAMMABLES TO GASIFYING FURNACE, AND GASIFICATION MELTING SYSTEM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ZUFÜHRUNG VON NICHT ENTFLAMMBAREN SUBSTANZEN IN VERGASUNGSÖFEN UND VERGASUNGSSCHMELZÖFEN

Title (fr)
PROCEDE ET DISPOSITIF SERVANT A ALIMENTER EN SUBSTANCES INFLAMMABLES UN FOUR DE GAZEIFICATION, ET SYSTEME DE GAZEIFICATION PAR FUSION

Publication
EP 1736527 A4 20061227 (EN)

Application
EP 03706956 A 20030218

Priority
JP 0301736 W 20030218

Abstract (en)
[origin: EP1736527A1] In a method of supplying combustibles to a gasification furnace for gasifying the combustibles, the combustibles (14) are supplied to a hopper (36) while external air is prevented from leaking into the gasification furnace (10) together with the combustibles (14). The combustibles (14) in the hopper (14) are supplied to the gasification furnace (10) in fixed quantity while an amount of combustibles (14) stored in the hopper (36) is controlled so as to be constant. Thus, external air can be prevented from leaking into the gasification furnace (10). Simultaneously, the combustible (14) in the hopper (36) are supplied to the gasification furnace (10) in fixed quantity so as to reduce a variation of a combustible gas produced in the gasification furnace (10) and facilitate stable operation of the gasification furnace (10).

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CPC (source: EP)
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Citation (search report)

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- [A] US 4140228 A 19790220 - HATHAWAY THOMAS J, et al
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- [A] WO 03012013 A1 20030213 - T G E TECH LTD [IL], et al
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