

Title (en)  
METHOD FOR HEATING A HIGH TEMPERATURE WINKLER GASIFIER

Title (de)  
VERFAHREN ZUM AUFHEIZEN EINES HOCHTEMPERATUR-WINKLER-VERGASERS

Title (fr)  
PROCÉDÉ DE CHAUFFAGE D'UN GAZOGÈNE DE WINKLER À HAUTE TEMPÉRATURE

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Application  
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Abstract (en)  
[origin: CA2894573A1] The invention relates to a method for heating a high temperature Winkler gasifier when starting up the gasifier using at least one burner for heating, wherein a cyclone with a return line for returning particles deposited in the cyclone to the fluidized bed in the lower region of the gasifier is associated with the gasifier head. The method simplifies the heating of the high temperature Winkler gasifier (HTW) and is substantially independent of the overall size of the gasifier. This is achieved by using at least one burner installed in the head region of the gasifier and acting downwards into the gasifier interior, wherein a gas flow is generated in the reverse direction through the return line of the cyclone.

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