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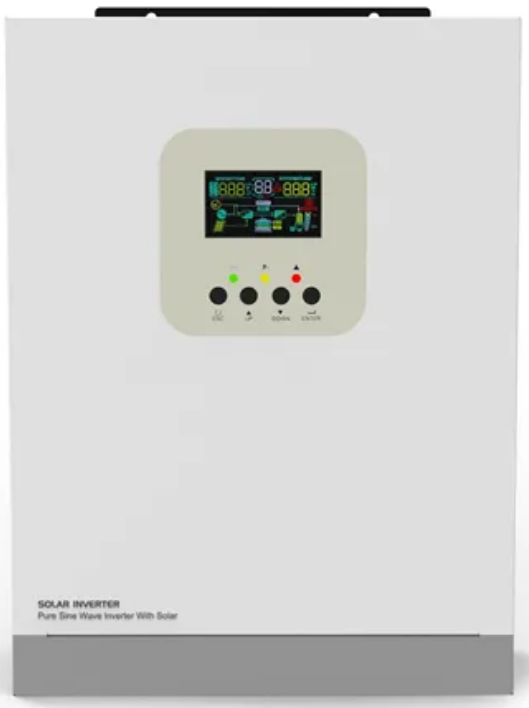
Desulfurization and denitrification in solar glass factories



Overview

Is there a method for simultaneous desulfurization and denitrification?

While SO 2 and NO x were both present in the coal combustion flue gas, therefore, a high efficiency, integrated and low-cost method for simultaneous desulfurization and denitrification is need urgently. There were some researches on wet method up to now, while studies on semi-dry removal was rare .

Does electrochemistry affect simultaneous desulfurization and denitrification by electrodialysis?

In order to study the electrochemical effect on simultaneous desulfurization and denitrification by electrodialysis, simultaneous purification experiments on SO 2, NO 2 and NO were carried out under the conditions of electrification and non-electrification respectively.

Is semi-dry removal a good method for desulfurization and denitrification?

There were some researches on wet method up to now, while studies on semi-dry removal was rare . The semi-dry method combined the advantages of dry and wet methods, therefore it has great research potential on desulfurization and denitrification.

What factors affect oxidation rate after simultaneous desulfurization and denitrification?

The liquid composition after simultaneous desulfurization and denitrification. In summary, In the process of simultaneous removal of sulfur and nitrate, oxygen content is also the key factor affecting the oxidation rate of desulfurization products and the removal rate of NOx.

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Keywords:glass furnace;flue gas simultaneous desulfurization and denitration;analysis Abstract:In this paper,according to the flue gas characteristics of glass melting furnace, combined with the ...

An integrated and effective method to realize simultaneous desulfurization and denitrification by the Spray Dryer Absorption (SDA) method combined with the NaClO2 was ...

The maximum desulfurization and denitrification efficiency (13.5 g-S m-3 h-1 and 3.7 g-N m-3 h-1, respectively) was achieved by applying polyurethane foam as filler. When S2- and S0 ...

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A glass furnace, desulfurization and denitrification technology, which is applied in air quality improvement, dispersed particle separation, chemical instruments and methods, etc. ...

The influences of doped metal, O2, H2O composition and space velocity on simultaneous desulfurization and denitrification were discussed. Finally, the kinetic models for ...

An integrated and effective method to realize simultaneous desulfurization and denitrification by the Spray Dryer Absorption (SDA) method combined wit...

Abstract In recent years, simultaneous desulfurization and denitrification technology has gradually become a research hotspot at home and abroad. The purpose of this ...

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