NOX AND SO2 REMOVAL FROM EXHAUST GASES IN COMBINED ELECTRIC FIELDS

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Abstract

This paper presents a new technology of nitrogen and sulphur oxides removal in the installations for burning of organic fuels, which is based on the oxidation of the last ones up to the corresponding acids used pulsed corona discharge and alternating electric field, neutralization of the formed acids by introduction of ammonia in gas and receiving of nitrate and sulphate of ammonia used as fertilizers.

Keywords: nitrogen and sulphur oxides, removal, exhaust gases, corona discharge, electric field

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