

Abstract of the Disclosure

The method for burning fuels, particularly garbage, in incinerators with a grate firing, for which the primary air is supplied below the grate firing into the fuel layer and the secondary air is supplied above the fuel layer, is controlled in such a way that the intensity of the combustion of the fuel on the furnace grate is increased by increasing the oxygen content of the primary air and the intensity of the combustion in the secondary combustion zone is choked by decreasing the oxygen content in the secondary air, and that waste gas, preferably from the combustion process, is recycled in order to reduce the oxygen content of the secondary air.

This Sheet Has Been Replaced



Key for Figure 2:

- 1 =Reducing the amount of waste gas by a combination of increasing the oxygen content and recycling the waste gas
- 2 =oxygen concentration in the primary air
- 3 =relative volume of waste gases
- 4 =recirculated gas, as a percentage of the secondary air