

NEW PATENTS

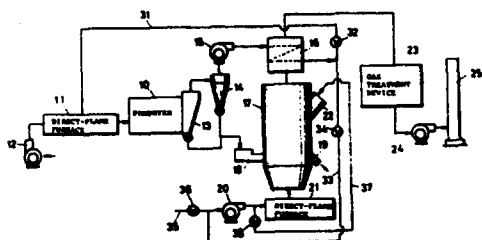
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4409909

PROCESS OF COMBUSTION IN A FLUIDIZED-BED INCINERATOR

Takekazu Tomizawa, Susumu Ueda, Toyoji Sakyo, Sumio Kawai, Fujieda, Japan assigned to Kabushiki Kaisha Okawara Seisakusho



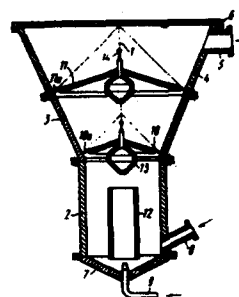
An incinerator for combusting sludge or the like is supplied with combustion air which is mixed with 5-40% by weight of a high-humidity, low-oxygen-concentration gas for adjustment of the excess ratio of combustion air and control over burning of nitrogen oxides in the incinerator. The gas is supplied from a predrier for drying the sludge or comprises a gas discharged from the incinerator.

4409101

FLUIDIZED BED APPARATUS

Zufar G Salikhov, Vasily A Ivanov, Viktor P Vyatchinov, Vladimir I Maltsev, Sergei Grozdev, Nikolai Khodov, Moscow, Union Of Soviet Socialist Republics assigned to Moskousky Institut Stali I Splavov

The fluidized bed apparatus comprises, successively arranged in the upward direction along the vertical longitudinal axis thereof, a receptacle for



coarser fractions, an upwardly flaring receptacle for medium fractions and an upwardly flaring receptacle for fine fractions. The fluidized bed apparatus further comprises grates extending perpendicularly to the longitudinal axis thereof in the receptacles for fine fractions and for medium fractions.

4408944

CONVEYOR FOR REMOVAL OF BED DRAIN MATERIAL FROM A COAL-BURNING FLUIDIZED BED COMBUSTOR

Robert Christian assigned to Jude Engineering Inc

