

Title (en)
WASTES TREATING METHOD AND DEVICE

Title (de)
MÜLLBEHANDLUNGSVERFAHREN UND VORRICHTUNG

Title (fr)
PROCEDE ET DISPOSITIF DE TRAITEMENT DE DECHETS

Publication
EP 1284389 A4 20050316 (EN)

Application
EP 00929845 A 20000524

Priority
JP 0003306 W 20000524

Abstract (en)
[origin: EP1284389A1] The present invention provides a method for waste treatment, in which wastes are incompletely burned or partially oxidized in a partial oxidation furnace in which combustion reaction takes place to yield combustible gas having a concentration converted to Oxygen of -30 to 1% at the outlet of the partial oxidation furnace; the combustible gas is introduced into a dust separator at a temperature of 250 to 800 DEG C to reduce the dust concentration to 0.1 g/Nm³ or lower; and after hydrogen chloride is removed from the combustible gas, from which dust is removed, by a wet gas treatment apparatus as necessary so that the concentration thereof is reduced to 20 ppm, the combustion gas is burned in a combustion furnace at a high temperature. With this method, wastes can be partially oxidized so that the concentration of dust that causes the corrosion of boiler tube etc. does not increase, and heat can be recovered from exhaust gas with high efficiency. <IMAGE>

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Citation (search report)
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