

Title (en)
Waste incinerator and waste incinerating method using same

Title (de)
Anlage und Verfahren zur Abfallverbrennung

Title (fr)
Dispositif et procédé d'incinération de déchets

Publication
EP 0601584 B1 19970827 (EN)

Application
EP 93119892 A 19931209

Priority
• JP 18994693 A 19930730
• JP 33197392 A 19921211

Abstract (en)
[origin: EP0601584A1] A waste incinerator capable of sufficiently mixing gasified refuse (waste) with an auxiliary combustion air to thereby reduce the emission of dioxin during incineration. The interior of an incinerator body (10) is divided into a primary combustion zone (A1), a secondary combustion zone (A2), and a tertiary combustion zone (A3). A lower restriction (12) is provided at an interfacial portion between the zones (A1) and (A2), and an upper restriction 14 is provided at an interfacial portion between the zones (A2) and (A3), whereby an inlet portion of the secondary combustion zone (A2) is so configured as to upwardly increase in diameter, and an outlet portion of the secondary combustion zone (A2) is so configured as to upwardly decrease in diameter. A secondary air is upwardly injected in a swirling condition from secondary air injection holes (20) of the lower restriction (12), and a tertiary air is downwardly injected from tertiary air injection holes (26) of the upper restriction (14). <IMAGE>

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CPC (source: EP KR)
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