

Title (en)

A METHOD AND APPARATUS FOR WASTE DISPOSAL

Publication

**EP 0419463 A4 19920819 (EN)**

Application

**EP 88906630 A 19880617**

Priority

US 8802116 W 19880617

Abstract (en)

[origin: WO8912783A1] The invention relates to an afterburner apparatus and an incineration system and methods of waste destruction in primary incineration combustion means (70) and afterburner means (101-110) which both preferably utilize at least two different oxidizing gases (80-83). By varying the ratio of said oxidizing gases (80-83), the amount of total oxygen and nitrogen delivered in either means can be dynamically adjusted in accordance with the process requirements. Varying the flows of at least two oxidizing gases and auxiliary fuel (84, 85) in both the primary incineration combustion means (70) and afterburner (101-110) makes it possible to operate the system under fluctuating waste loading conditions, by controlling temperature, partial pressure of oxygen and heat available for the process as a function of said ratio.

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CPC (source: EP)

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Citation (search report)

- [A] US 4182246 A 19800108 - CAMPOS JOSE G [US], et al
- [AD] US 4279208 A 19810721 - GUILLAUME PAUL, et al
- [AD] US 4622007 A 19861111 - GITMAN GRIGORY M [US]
- See references of WO 8912783A1

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