

Title (en)

Exhaust gas treatment apparatus for use in incineration equipment

Title (de)

Abgasbehandlungsvorrichtung für Abfallverbrennungsanlage

Title (fr)

Appareil de traitement des gaz de fumée pour une installation d'incinération

Publication

**EP 0715122 A3 19970212 (EN)**

Application

**EP 95850190 A 19951102**

Priority

- JP 29543794 A 19941130
- JP 4769295 A 19950308

Abstract (en)

[origin: EP0715122A2] An exhaust gas treatment apparatus for use in an incineration equipment is provided which comprises: a temperature adjuster (11) for cooling exhaust gas discharged from an incinerator (2) ; a bag filter (12) for removing dust from the exhaust gas cooled by the temperature adjuster (11) ; and a denitrator (14) for catalytically denitrating the exhaust gas supplied from the dust collector, the temperature adjuster (11) having a first heat exchanger (21) for cooling the exhaust gas of a high temperature discharged from the incinerator (2) with air and a second heat exchanger (22) for heating the exhaust gas of a lower temperature supplied from the bag filter (12) with the high-temperature exhaust gas discharged from the incinerator (2). <IMAGE>

IPC 1-7

**F23J 15/02**; **F23J 15/06**; **F23J 15/08**; **F28F 19/04**

IPC 8 full level

**F23G 5/46** (2006.01); **F23G 7/06** (2006.01); **F23J 15/00** (2006.01); **F28D 7/10** (2006.01); **F28F 19/04** (2006.01)

CPC (source: EP KR)

**F23G 7/00** (2013.01 - KR); **F23J 15/006** (2013.01 - EP); **F28F 19/04** (2013.01 - EP); **F23J 2215/10** (2013.01 - EP); **F23J 2217/101** (2013.01 - EP); **F23J 2219/10** (2013.01 - EP); **F23J 2900/15081** (2013.01 - EP)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 93 (C - 1166) 16 February 1994 (1994-02-16)
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**EP 0715122 A2 19960605**; **EP 0715122 A3 19970212**; **EP 0715122 B1 20000119**; AT E189050 T1 20000215; CN 1084460 C 20020508; CN 1132331 A 19961002; DE 69514628 D1 20000224; DE 69514628 T2 20000810; DK 0715122 T3 20000613; JP 3051040 B2 20000612; JP H08210617 A 19960820; KR 100188311 B1 19990601; KR 960018349 A 19960617; TW 285709 B 19960911

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**EP 95850190 A 19951102**; AT 95850190 T 19951102; CN 95120263 A 19951127; DE 69514628 T 19951102; DK 95850190 T 19951102; JP 4769295 A 19950308; KR 19950041728 A 19951116; TW 84111254 A 19951024