

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 A2 19960605 (EN)

Application

EP 95850190 A 19951102

Priority

- JP 29543794 A 19941130
- JP 4769295 A 19950308

Abstract (en)

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)

Cited by

EP0872690A3; US6250916B1

Designated contracting state (EPC)

AT DE DK FR GB IT NL SE

DOCDB simple family (publication)

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

DOCDB simple family (application)

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