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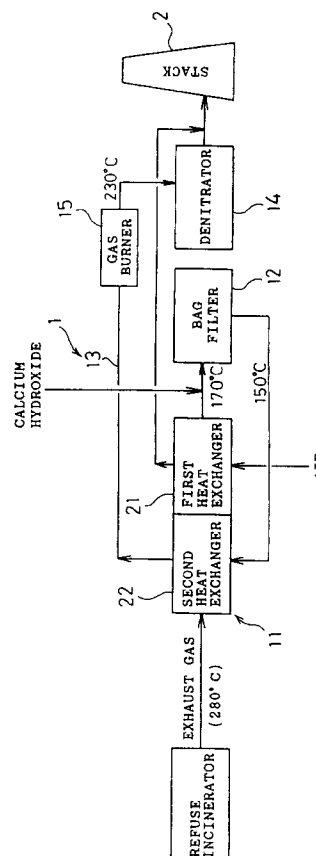
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(54) **Exhaust gas treatment apparatus for use in incineration equipment**

(57) 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).

FIG. 1

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EUROPEAN SEARCH REPORT

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EP 95 85 0190

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	ENERGIE SPEKTRUM, November 1986, GRAFELFING DE, page 88 XP002021262 "Neue Schaltung zur Rauchgasentstickung" ---	1	F23J15/02 F23J15/06 F23J15/08 F28F19/04
A	PATENT ABSTRACTS OF JAPAN vol. 18, no. 93 (C-1166), 16 February 1994 & JP-A-05 293335 (TAKUMA), 9 November 1993, * abstract *	1	
A	DE-A-37 30 255 (SIEMENS AG) * column 2, line 37 - column 2, line 64 * * column 3, line 38 - column 3, line 53 * * figure *	1	
A	DE-A-36 27 086 (STEAG AG) * abstract; figure 3 *	2	
A	EP-A-0 155 498 (HEAT EXCHANGER INDUSTRIES) * page 2, line 9 - page 2, line 31 *	3,4	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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A	PATENT ABSTRACTS OF JAPAN vol. 5, no. 144 (C-071), 11 September 1981 & JP-A-56 078619 (MITSUBISHI KK), 27 June 1981, * abstract *		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 December 1996	Examiner Phoa, Y
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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