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(71) Applicant: **Babcock & Wilcox Vølund A/S**
2600 Glostrup (DK)

(72) Inventor: **Andersen, Paw**
2640 Hedehusene (DK)

(74) Representative: **Roerboel, Leif**
Budde Schou A/S
Vester Søgade 10
1601 Copenhagen V (DK)

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(54) **Waste incineration plant with introduction of cooling gas**

(57) In a waste incineration plant comprising a furnace (1) having a grate (2) on which the waste being incinerated is transported from the waste inlet (3) to the ash outlet (4), side walls extending along said grate, said side walls comprising a wear zone in the form of a fluid-cooled panel (5) positioned immediately adjacent the grate (2), and an upper wall zone (6) above said wear zone, said upper wall zone being provided in the form of refractories (6), the fluid-cooled panel (5) is provided with openings (7) through which cooling gas is introduced for reducing the thermal strain on the upper wall zone (6).

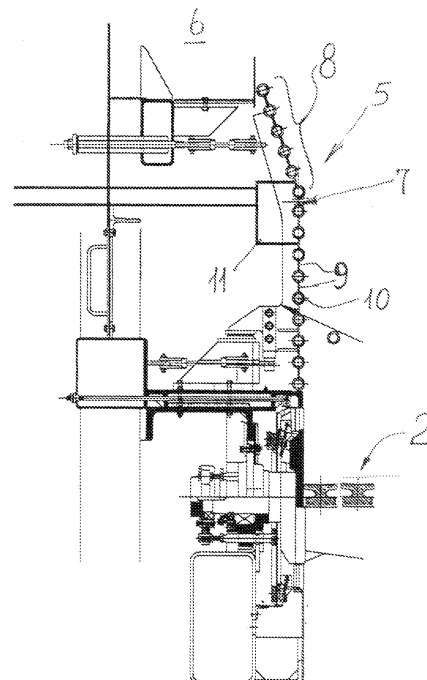


Fig. 1.



EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 3 395 655 A (GUY MILTON F) 6 August 1968 (1968-08-06)	1-3,5-8	INV. F23C9/08
Y	* column 2, line 23 - column 3, line 26;	9	F23L7/00
A	figures 1-3,7 *	4	F23M5/08
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X	DE 33 01 783 A1 (PAULI GMBH WAERMETECHNIK [DE]) 26 July 1984 (1984-07-26)	1,2,5-8	F23L9/06
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			F23C F23L F23M F23H
Place of search		Date of completion of the search	Examiner
Munich		12 June 2013	Theis, Gilbert
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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P : intermediate document		& : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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12-06-2013

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