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(54) Installation for the treatment of solid residues.

(57) Solid residues received in a bunker (1) are driven to a hopper (2) with a bag tearing device and are deposited on a conveyor (3) with a device for controlling the maximum height of the residues. Glass is removed on the belt (3) and the remaining residues pass to a hammer mill (4) from which the ground elements are collected by a conveyor (5) passing a suction device (6) removing light materials. The remaining materials continue past an electromagnet (9) which separates ferromagnetic material. The remaining material mostly organic matter, is introduced into a hopper (10) which feeds pyrolysis reactors by means of a conveyor (11) with a device for adjusting the maximum height of the residues. The reactors are connected to a suction line including a gas heater, a tar condensor, a water condensor, a chemical gas washing system, and a light solvent separating system. Non-condensable gas is recycled as a combustible gas in the installation.

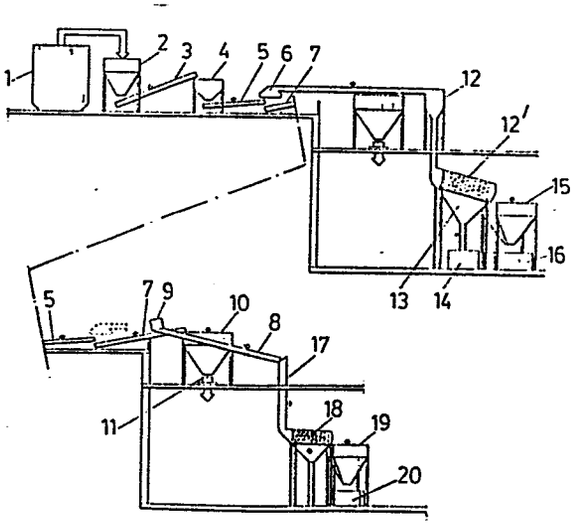

FIG.1

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EUROPEAN SEARCH REPORT

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Application number

EP 86 30 4828

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.4)
A	FR-A-2 247 287 (AMERICAN CAN) * Page 6, line 35 - page 13, line 26; figure *	1-3,6	B 03 B 9/06
A	EP-A-0 118 310 (E.W. HALL et al.) * Page 14, line 12 - page 17, line 14; figure 1 *	1,2,6	
A	FR-A-2 496 495 (ORFA AG) * Page 5, line 11 - page 9, line 31; figure *	1,3,4	
A	FR-A-2 487 221 (SOCEA-BALENCY) * Page 3, line 16 - page 5, line 5; figure *	1,3	
A	US-A-4 098 464 (P. NIEDNER et al.) * Column 3, line 15 - column 5, line 25; figures 1,3 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4) B 03 B
A	US-A-3 236 604 (N.A. PIERSON)		
A	EP-A-0 144 535 (KOMMUNAL-ANLAGEN MIETE)		

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	23-10-1987	LAVAL J.C.A

CATEGORY OF CITED DOCUMENTS

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Application number

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EUROPEAN SEARCH REPORT

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.4)
A	FR-A-2 322 660 (COMBUSTION EQUIPMENT)		

TECHNICAL FIELDS SEARCHED (Int. Cl.4)

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