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(54) **Press for treating solid city waste**

(57) A drum (12) carries a number of floating, perforated matrices or cylinders (24) with open bases, and is rotatable by steps in order to align each matrix in turn with a waste feeder (28), an extruder (30) and an unloader (32). A stationary wall (20), arranged on the opposite side of said feeder, has an aperture (34) that is

aligned with the feeder (28) and is plugged by a plugging device (36, 38, 40, 42) which can be opened to allow access to the inside of the matrix (24) currently aligned with the feeder. The plate can be fastened to the matrix by bolts in order to extract the latter through the aperture.

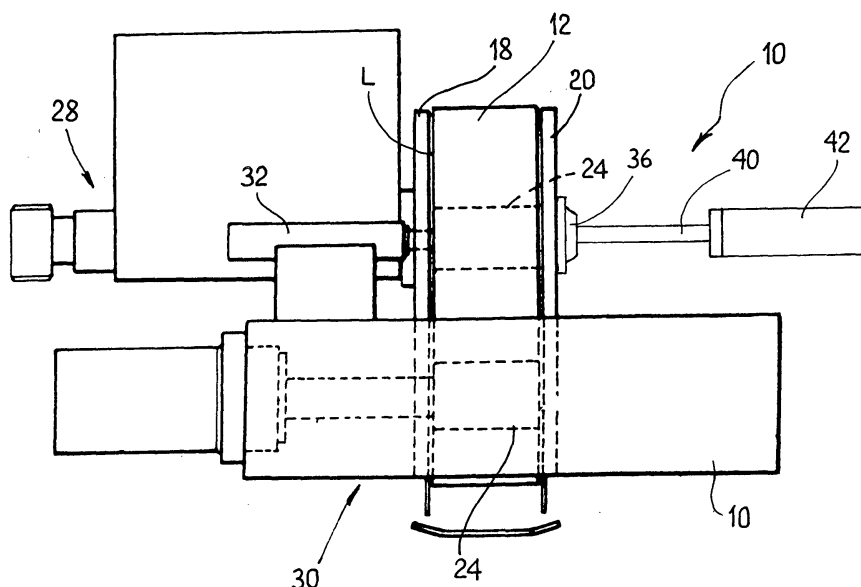


Fig. 1



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.7)
X	US 4 371 328 A (GILES DUANE D ET AL) 1 February 1983 (1983-02-01) * figures 1,2 *	1,2	B30B9/04 B30B9/06 B30B9/30 B30B11/10
A	US 4 397 231 A (BURGIN KERMIT H) 9 August 1983 (1983-08-09) * figures 1-4 *	1-3	
A	EP 0 684 117 A (TECNOECO S R L) 29 November 1995 (1995-11-29) * figures *	1	
A	EP 0 888 873 A (FM RACINE HYDRAULIK AG) 7 January 1999 (1999-01-07) * figures *	1	
A	DE 195 26 342 A (NENDEL KLAUS PROF DR ING) 23 January 1997 (1997-01-23) * figures *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B30B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		13 June 2002	Belibetl, C
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	

EPC FORM 1503 03/82 (P04C01)

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

EP 01 20 4225

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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13-06-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4371328	A	01-02-1983	NONE	
US 4397231	A	09-08-1983	US 4343233 A US 4421022 A US 4389928 A	10-08-1982 20-12-1983 28-06-1983
EP 0684117	A	29-11-1995	EP 0684117 A1	29-11-1995
EP 0888873	A	07-01-1999	EP 0888873 A1	07-01-1999
DE 19526342	A	23-01-1997	DE 19526342 A1	23-01-1997