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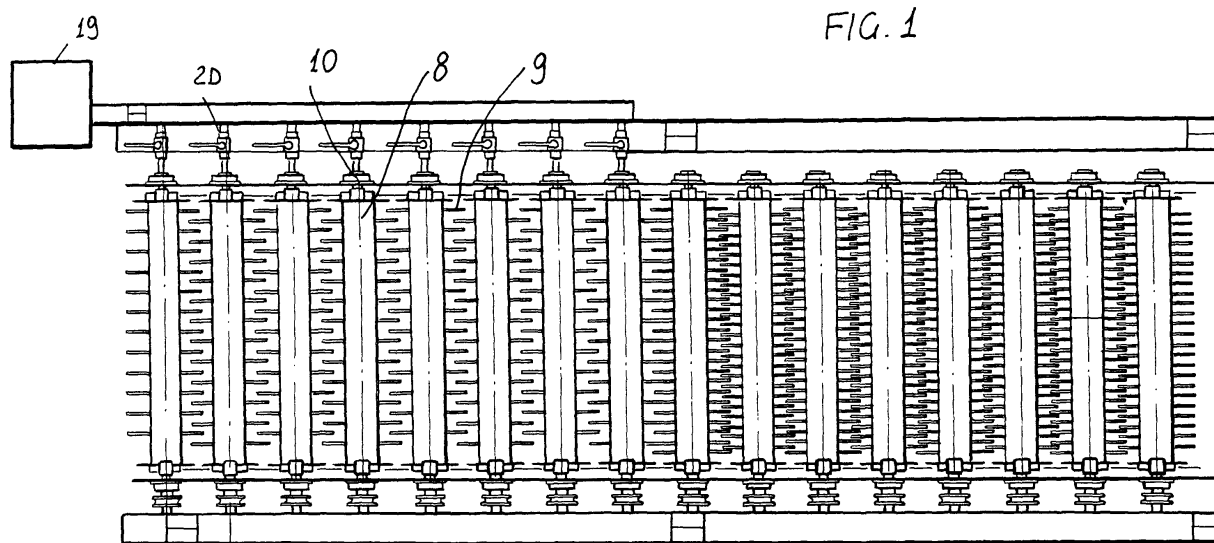
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(54) **Sieving apparatus for biomass**

(57) The present invention relates to a sieving apparatus for separating three fractions: a compost, a lignocellulosic material and a plastics material, deriving from a stabilizing process in which biomasses coming from a differentiated collection or other collections in general are stabilized, characterized in that said appa-

ratus comprises a fixed construction (2), a supporting framework (3) which can be differently inclined by hydraulic cylinders (4) controlled by an hydraulic central control unit (5), a first sieving section (6), a second sieving section (7), and collecting and conveying belts (11), (12) and (13).





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EUROPEAN SEARCH REPORT

Application Number
EP 01 11 6909

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	EP 0 635 313 A (MIKE TEKKOSH0) 25 January 1995 (1995-01-25) * column 8, line 30 - column 10, line 36 * * column 12, line 58 - column 14, line 29 * * column 15, line 25 - column 16, line 53 * * claims 1,5,7-13 * * figures 9,10,14-17 * ---	1-6,11	B07B1/46 B07B1/15
X	WO 00 45966 A (CP MANUFACTURING) 10 August 2000 (2000-08-10) * page 3, line 1 - page 7, line 3 * * figures 1-2C,6 * ---	1-6,11	
X	EP 0 834 353 A (MACHINEFABRIEK BOA) 8 April 1998 (1998-04-08) * column 2, line 34 - column 3, line 38 * * figures 1,2 * ---	1-6,11	
A	DE 198 51 361 A (EUREC TECHNOLOGY) 25 May 2000 (2000-05-25) * claims 1,7 * * figure 1 * -----	1	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B07B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 3 May 2002	Examiner Laval, J
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 11 6909

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03-05-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 635313	A	25-01-1995	JP 2540716 B2	09-10-1996
			JP 7080409 A	28-03-1995
			JP 2525335 B2	21-08-1996
			JP 7155689 A	20-06-1995
			JP 2564464 B2	18-12-1996
			JP 7185460 A	25-07-1995
			JP 2665455 B2	22-10-1997
			JP 7213999 A	15-08-1995
			JP 2555543 B2	20-11-1996
			JP 7256208 A	09-10-1995
			JP 2580488 B2	12-02-1997
			JP 7256209 A	09-10-1995
			JP 2665456 B2	22-10-1997
			JP 7303860 A	21-11-1995
			CA 2126375 A1	23-12-1994
			CN 1103335 A ,B	07-06-1995
			DE 69421128 D1	18-11-1999
			DE 69421128 T2	06-04-2000
			DK 635313 T3	27-12-1999
			EP 0635313 A1	25-01-1995
			KR 196371 B1	15-06-1999
			US 5480034 A	02-01-1996
			US 5626239 A	06-05-1997
			US 5582300 A	10-12-1996
			US 5590792 A	07-01-1997
			US 5555985 A	17-09-1996
WO 0045966	A	10-08-2000	US 6250478 B1	26-06-2001
			AU 2860000 A	25-08-2000
			WO 0045966 A1	10-08-2000
			US 2001004059 A1	21-06-2001
EP 834353	A	08-04-1998	EP 0834353 A1	08-04-1998
			NL 1005998 C2	31-03-1998
DE 19851361	A	25-05-2000	DE 19851361 A1	25-05-2000

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82