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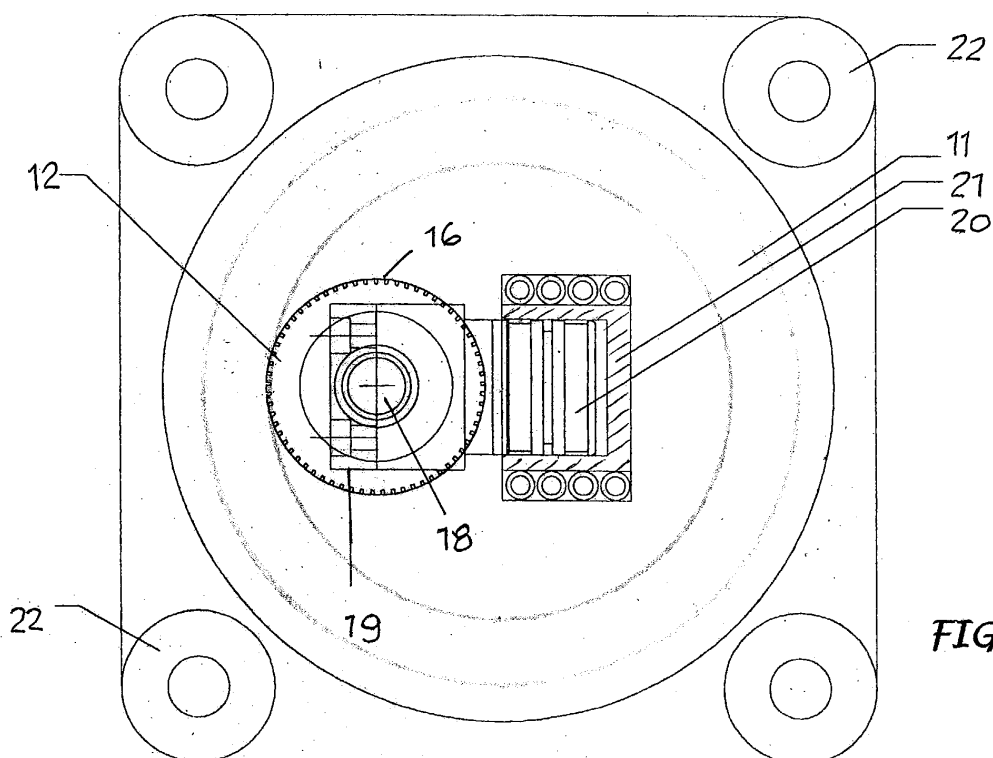
(30) Priority: **21.07.2004 IT BS20040086**

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(54) **Pellet machine with oleodynamic control extruder group**

(57) The invention concerns a wood pellet machine which comprises a treatment chamber, a rotating annular extruder turning in said chamber and having radial holes, and rotating pressure rollers positioned and operating at

a tangent to the internal surface of the perforated extruder and wherein a pressure roller (12) is associated with said extruder and can be moved and positioned at least radially or also axially to the internal surface of the extruder by means of a remote controlled oleodynamic actuators.



**FIG. 2**



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 05 42 5162

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	EP 0 371 519 A2 (BUEHLER AG GEB [CH]) 6 June 1990 (1990-06-06)	1,2	INV. B30B11/20
Y	* columns 3-5,8; figures * -----	3-5	
Y	SU 709 386 A1 (PRIMORSKIJ NII SELSKOGO KHOZ [SU]) 18 January 1980 (1980-01-18) * abstract; figure * *	3-5	
X	DE 38 13 081 A1 (KAHL AMANDUS MASCHF [DE]) 2 November 1989 (1989-11-02) * column 4, lines 21-31; figure 2 *	1	
X	JP 2002 283346 A (NIPPON KOKAN KK) 3 October 2002 (2002-10-03) * abstract; figures * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			B30B
<div> <div>3</div> <div> <div> <div>The present search report has been drawn up for all claims</div> </div> </div> </div>			
Place of search		Date of completion of the search	Examiner
The Hague		23 October 2007	Labre, Arnaud
<div> <div> <div>CATEGORY OF CITED DOCUMENTS</div> <div> <div>X : particularly relevant if taken alone</div> <div>Y : particularly relevant if combined with another document of the same category</div> <div>A : technological background</div> <div>O : non-written disclosure</div> <div>P : intermediate document</div> </div> </div> <div> <div>T : theory or principle underlying the invention</div> <div>E : earlier patent document, but published on, or after the filing date</div> <div>D : document cited in the application</div> <div>L : document cited for other reasons</div> <div>&amp; : member of the same patent family, corresponding document</div> </div> </div>			

EPO FORM 1503 03.82 (P04C01)

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- 1- 5
- ☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-5

wood pellet machine with a pressure roller radially movable  
by means of an oleodynamic actuator

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2. claim: 6

wood pellet machine with a pressure roller movable radially  
and axially by means of a remote controlled oleodynamic  
actuator

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

EP 05 42 5162

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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23-10-2007

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