



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 072 368 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
03.09.2003 Bulletin 2003/36

(51) Int Cl.7: **B26D 5/20**, B26D 5/22,
B26D 1/00

(43) Date of publication A2:
31.01.2001 Bulletin 2001/05

(21) Application number: **00202616.9**

(22) Date of filing: **20.07.2000**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Gatteshi, Emanuele**
43100 Parma (IT)

(74) Representative: **De Gregori, Antonella et al**
Ing. Barzano & Zanardo Milano S.p.A.
Via Borgonuovo 10
20121 Milano (IT)

(30) Priority: **26.07.1999 IT MI991650**

(71) Applicant: **OCME S.r.l.**
43100 Parma (IT)

(54) **Fast-cutting device in a machine for packaging in a film of plastic material**

(57) A fast-cutting device in a machine for packaging in a film of plastic material, in said machine there being provided at least two pairs of rollers (12, 13) for feeding a film (11) towards a packaging area, between the two pairs of rollers (12, 13) there being provided a cutting assembly (14, 15, 16) which acts crosswise on the film (11), in said device the cutting assembly (14) comprising at least one blade (15) rotating in the oper-

ating phase around a shaft (25) caused to rotate by a gearing system designed to convert a uniform rotation at input into a variable rotation at output (27, 28), being selectively driven by a motor (18) for unrolling the film with interposition of a brake-clutch assembly (22). The said gearing system may be a transmission with elliptical gears (27, 28). In addition, a counterblade (16) may be provided that rotates in the operating phase together with the blade (15) around a shaft (26).

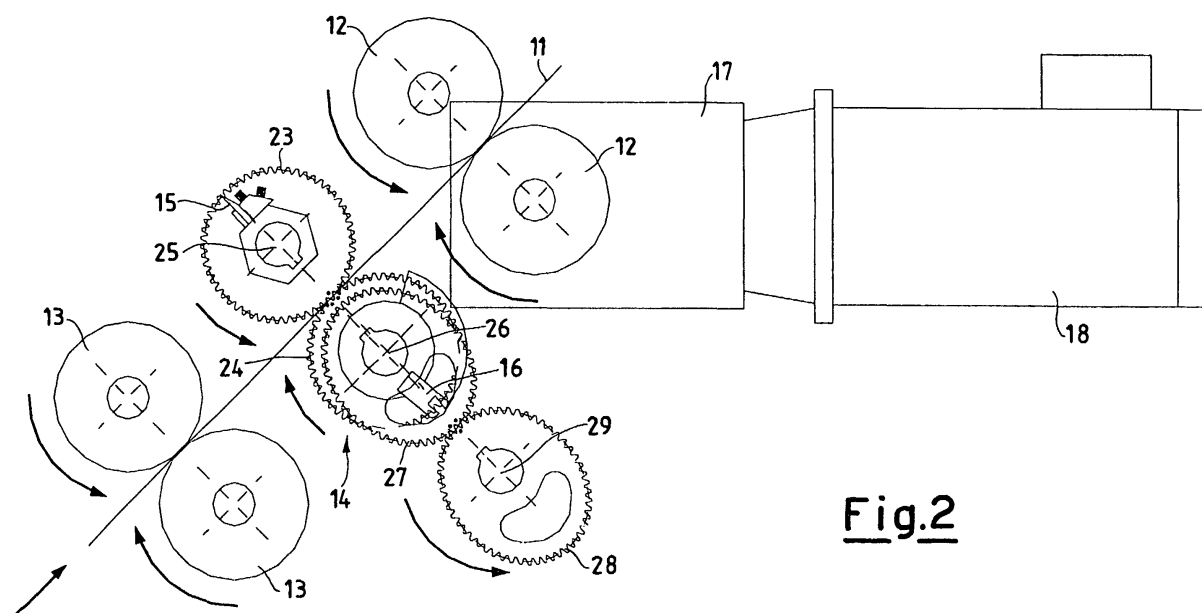


Fig.2

EP 1 072 368 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 20 2616

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)
Y	US 3 217 577 A (BEEBE JAMES H) 16 November 1965 (1965-11-16) * the whole document *	1-7	B26D5/20 B26D5/22 B26D1/00
Y	US 2 598 820 A (NEESE ALONZO A) 3 June 1952 (1952-06-03) * column 1 - column 2; claim 1; figures 1,8 *	1-7	
A	US 4 528 831 A (RUSSELL FRANK S ET AL) 16 July 1985 (1985-07-16) * abstract *	1-7	
A	DE 652 467 C (GEORGE W SWIFT JR) 2 November 1937 (1937-11-02) * the whole document *	1-7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B26D
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 9 July 2003	Examiner Wimmer, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

EPO FORM 1503 03 82 (P04C01)

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

EP 00 20 2616

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-07-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3217577	A	16-11-1965	NONE
US 2598820	A	03-06-1952	NONE
US 4528831	A	16-07-1985	US 4372141 A 08-02-1983
		DE 3123183 A1 03-06-1982	
		FR 2492794 A1 30-04-1982	
		GB 2085775 A ,B 06-05-1982	
		GB 2128514 A ,B 02-05-1984	
		IT 1137957 B 10-09-1986	
		JP 1518160 C 07-09-1989	
		JP 57075235 A 11-05-1982	
		JP 63066627 B 21-12-1988	
		JP 62168623 A 24-07-1987	
		US 4402204 A 06-09-1983	
		US 4524597 A 25-06-1985	
DE 652467	C	02-11-1937	NONE