



Europäisches Patentamt  
European Patent Office  
Office européen des brevets

Publication number:

**0 090 631**  
**A3**

## EUROPEAN PATENT APPLICATION

Application number: 83301730.4

Int. Cl.<sup>3</sup>: **B 65 C 9/36**  
**B 65 C 9/46, B 65 C 9/18**

Date of filing: 28.03.83

Priority: 26.03.82 GB 8208882

Date of publication of application:  
05.10.83 Bulletin 83/40

Date of deferred publication of search report: 24.10.84

Designated Contracting States:  
DE FR GB IT NL SE

Applicant: **BERKEL LIMITED**  
72 Cobden Street  
Leicester LE1 2LE(GB)

Inventor: **Cockram, David John**  
72 Cobden Street  
Leicester LE1 2LE(GB)

Inventor: **Crowley, Patrick Vincent**  
72 Cobden Street  
Leicester LE1 2LE(GB)

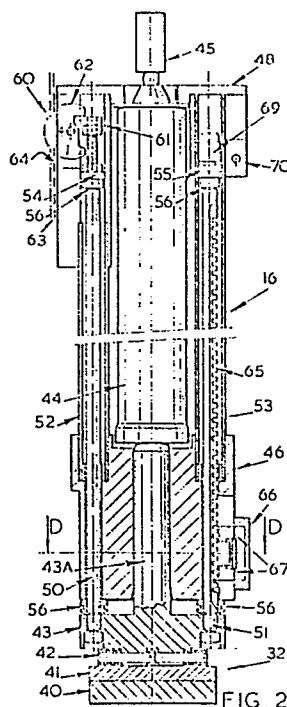
Inventor: **Thirkettle, Brian James**  
72 Cobden Street  
Leicester LE1 2LE(GB)

Inventor: **Breame, Ronald George**  
72 Cobden Street  
Leicester LE1 2LE(GB)

Representative: **MacDougall, Donald Carmichael et al,**  
**Messrs. Cruikshank & Fairweather 19 Royal Exchange**  
**Square**  
**Glasgow G1 3AE, Scotland(GB)**

### Label applicator device.

A labelling machine comprises a label printer (15) associated with a label applicator device (16) incorporating a telescopic arrangement (48, 44, 43, 46) which is pivotally mounted at one end (30) on a fixed support (63) and at its other end carries a label transporter (32). Pivotal drive means (72, 73, 74, 77) is provided to move the telescopic arrangement (48, 44, 43, 46) between a label-receiving position (20, 26, 33, 13) where the transporter (32) collects a label from the printer (15) and a label delivery position. In the label delivery position drive means (45) is effective to cause the arrangement (48, 44, 46, 43) to extend and retract telescopically in order to deliver a label to a package at an applicator station (29). Control means (65, 66) is provided for measuring the extent of telescopic extension on each occurrence and for consequentially controlling the telescopic drive means (45) during retractive motion.





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. <sup>3</sup> )
X	EP-A-0 038 262 (PILOT) * Page 4, lines 13-34; page 5, lines 1-12; page 6, claims 1-4; figures 1-3 *	1,6	B 65 C 9/36 B 65 C 9/46 B 65 C 9/18
A	--- US-A-4 255 220 (KUCHECK) * Column 4, lines 55-63; figure 1 *	1	
X	--- US-A-4 132 583 (HODGSON) * Columns 10-12; claims 1-7; figures 1-6 *	1,6	
	-----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			B 65 C B 65 H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25-07-1984	Examiner GOETZ P.A.
<p><b>CATEGORY OF CITED DOCUMENTS</b></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 &amp; : member of the same patent family, corresponding document</p>			