

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets

(11)

Publication number:

0 152 960
A3

(12)

EUROPEAN PATENT APPLICATION

(21)

Application number: **85101960.4**

(51)

Int. Cl. 4: **B 65 B 11/00, B 65 B 53/00**

(22)

Date of filing: **22.02.85**

(30)

Priority: **23.02.84 US 582797**

(43)

Date of publication of application: **28.08.85**
Bulletin 85/35

(84)

Designated Contracting States: **DE FR GB NL SE**

(88)

Date of deferred publication of search
report: **22.10.86 Bulletin 86/43**

(71)

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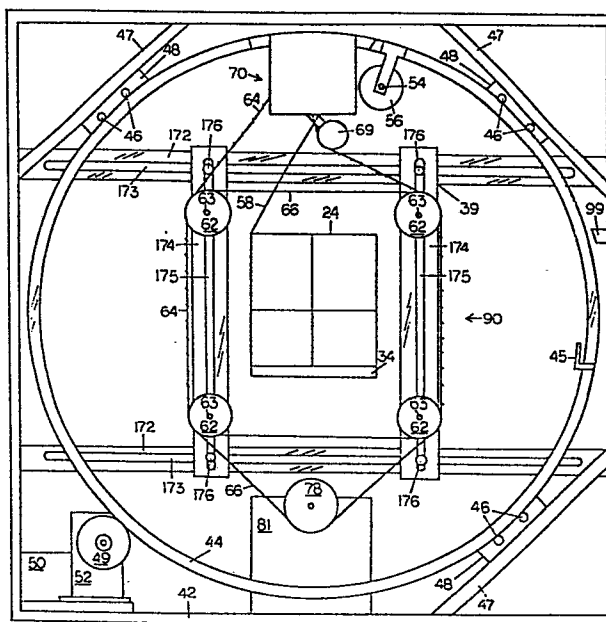
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(54)

Rotatable film wrapping apparatus and process for unitizing a load with a compressive overwrap.

(57)

A rotatable film wrapping apparatus (30) for wrapping a load (24) having a film web pre-stretch mechanism (70) which dispenses film at a varying speed controlled independently of variations in film tension and speed between the pre-stretch mechanism (70) and the load (24), and a supply speed control mechanism (90) which varies the supply speed of web from the pre-stretch mechanism (70). The supply speed control mechanism (90) is configured as a predetermined model of the load (24) to minimize variation in film elongation and containment as successive load edges intercept film web during wrapping. A power pulley or roller engages the supply speed control mechanism (90) to accelerate and decelerate the pre-stretch mechanism to overcome rotational inertia of the film roll (56) and pre-stretch mechanism (70). Tension reductions in the web (58) caused by holes at web imperfections do not slow or stop the pre-stretch mechanism (70).

**EP 0 152 960 A3**



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EUROPEAN SEARCH REPORT

0152960

Application number

EP 85 10 1960

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.4)
Y,P	DE-A-3 330 489 (LANCASTER) * Abstract; claim 1; page 12, 3rd paragraph; page 14, 3rd paragraph; page 20, 2nd paragraph - page 22, 3rd paragraph; page 28, 3rd paragraph - page 29, 2nd paragraph; figures 1-3,10 *	1,2,4- 8,10, 11-16	B 65 B 11/00 B 65 B 53/00
Y	DE-A-2 256 708 (TRANSPORTTECHNIK GmbH) * Page 2 - page 3, 1st paragraph; figures 1,2,4,7 *	1,2,4- 8,10, 11-16	
A	DE-A-2 750 780 (FRANPACK GmbH)		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A,D	US-A-4 302 920 (LANCASTER) * Column 6, lines 25-51; figure 1 *	16	B 65 B
A	US-A-4 050 220 (LANCASTER) * Figure 15 *	2	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-08-1986	Examiner SCHELLE, 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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