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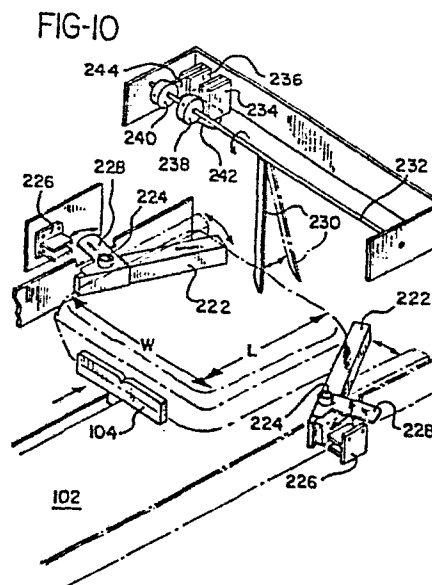
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Wrapping control and monitoring system for film wrapping machine.

In a stretch film wrapping machine an improved control system provides for automatic or manual selection of one of at least two differing width film rolls and provides individualized wrapping parameters dependent upon the film width selected. Automatic film selection is performed in response to signals identifying the height, width and length of a package to be wrapped which characteristics are sensed or measured by a package sensing system (222, 226, 228, 230, 232, 234, 236, 242, 244). Both automatic and manual film selection includes timing controls (600) for synchronizing film gripping and clamping apparatus with underfolding apparatus dependent upon the film selected to provide improved control over the tensioning of film wrapped about individual packages. The improved control system monitors the operation of the wrapping machine to detect jam conditions and stops the machine for such jam conditions. The system also provides for limited reverse operation of the film wrapping machine for jam removal. The rear film underfolder and package pusher are mounted to be moved away from the machine to further facilitate jam removal. The improved control system monitors a film tensioning roller via an electrical switch to verify film draw into the machine. If no film is drawn indicating a film source problem, the machine is stopped.





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EUROPEAN SEARCH REPORT

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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. 3)
A	<u>EP - A1 - 0 044 820</u> (PITTACUS AG) ---	1,10-12, 15	B 65 B 59/00 B 65 B 11/54
P, A	<u>EP - A1 - 0 061 144</u> (WELDOTRON CORP.) ---	1,10-12, 15	
A	<u>US - A - 3 486 294</u> (VILEN) ----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			B 65 B 11/00 B 65 B 59/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 07-01-1985	Examiner MELZER
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			