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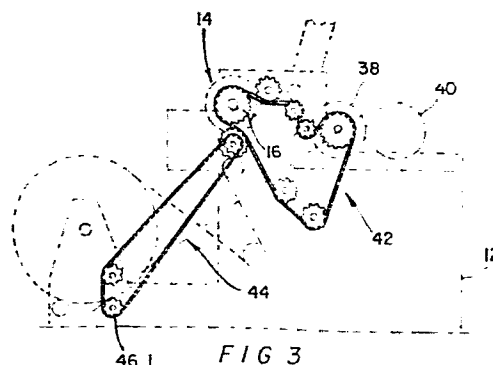
71 Applicant: **Hutt, Thomas Gough**
322, Victoria Street Waterkloof
Pretoria Transvaal Province(ZA)

72 Inventor: **Hutt, Thomas Gough**
322, Victoria Street Waterkloof
Pretoria Transvaal Province(ZA)

74 Representative: **Westwood, Edgar Bruce et al,**
STEVENS, HEWLETT & PERKINS 5, Quality Court
Chancery Lane
London WC2A 1HZ(GB)

54 **Method of manufacture of bags from synthetic plastics material and apparatus therefor.**

57 Apparatus for making side-sealed bags (22.1, 22.2, 22.3) from a double-layer web (22) of thin synthetic plastics film. The apparatus includes a rotatably mounted sealing drum (14) having a plurality of circumferentially spaced axially extending slots (16) in its periphery. In use, the web (22) moves belt-fashion over the slots (16) in contact with the drum (14). A sealing rotor (18) running in synchronism with the drum (14) has a heat cutter member (20, 21) which intersects the web (22) at circumferentially spaced intervals by passing cyclically into the slots (16) of the drum (14). The heat cutter member (20, 21) has spaced interruptions (21.2) along its length which result in spaced perforations (160.1) being made across the width of the web (22). The two layers (22.11, 22.12) of film are welded together at such perforations (160.1), thus forming side-sealed bags separated by zones of weakness (160). The web (22) is rolled up into a roll (26) of such side-sealed bags (22.1, 22.2, 22.3). The sealing rate and web speed can be adjusted to match the rate of extrusion of an extruder (242).





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EUROPEAN SEARCH REPORT

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EP 82301978.1

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. 2)
A	US - A - 3 725 180 (H. MEMBRINO)	1,2	B 31 B 27/14
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A	DE - A1 - 2 000 551 (H. MEMBRINO)	1,2	
	* Pages 3,7,10,12-18; fig. 1,3,4,7,9 *		
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A	GB - A - 1 473 129 (KUREHA KAGAKU KOGYO KABUSHIKI KAISHA)		
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A	GB - A - 1 257 937 (BRITISH VISQUEEN LIMITED)		
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Y	AT - B - 334 076 (H. PFANNENBECKER, R. PLATE)	12	
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A	AT - B - 333 496 (SHOWA DENKO KABUSHIKI KAISHA)	12	
	* Totality *		

The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 27-04-1983	Examiner HABART
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone</p> <p>Y : particularly relevant if combined with another document of the same category</p> <p>A : technological background</p> <p>O : non-written disclosure</p> <p>P : intermediate document</p> <p>T : theory or principle underlying the invention</p> <p>E : earlier patent document, but published on, or after the filing date</p> <p>D : document cited in the application</p> <p>L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			