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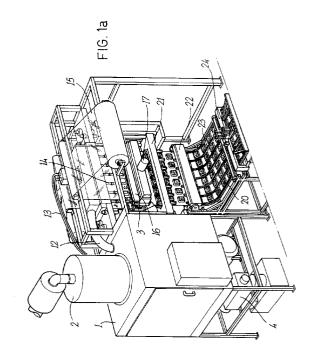
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(54) A machine for the production of soap bars made up of transparent soap.

This invention relates to a machine for the production of soap bars made up of transparent soap, said machine being characterized in that it comprises a first metering and product forming zone which crmprises means (5, 6, 7) for suction of the liquid soap and for conveying the same into the halfmoulds (3), means (14) for injecting liquid soap into said half-moulds (3); means for feeding the filme (15) making up the envelope between said half-moulds (3), means (16) for heating the film (15) up to its softening temperature; means (4) for carrying out the operation of forming the envelope inside said half-moulds (3) and means (19) for welding the two half-envelopes obtained within the halfmoulds (3) after the injection of the product, said first zone being thermostated; a second zone for the mechanical-pneumatic forward and centering motion comprising means (22) for cutting the film into stripes, guiding means (23) and driving means (21) as well as centering means; a third zone for shearing the envelopes comprising means (26) for feeding the envelopes into the shearing zone, means (25) for cold-shearing and means (27) for removing the product so shorn, a fourth zone for the cutting of the scraps, comprising means (29) for coldcutting the scraps and means (27) for removing the same; and a fifth zone for cooling the product so obtained; the machine operation being completely determined and coordinated through a processor.





EUROPEAN SEARCH REPORT

Application Number

EP 92 83 0403

Category	Citation of document with it of relevant pa	ndication, where appropriate, ssages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	EP-A-0 321 179 (UNI * column 4, line 1 * column 4, line 47	- line 35 *	1	C11D13/16 C11D17/00
\	EP-A-0 294 010 (NEU * abstract; claims		1	
	FR-A-743 090 (BAKER * page 1, line 1 -	PERKINS) line 55; figure 3 *	1	
', A	EP-A-0 493 197 (L'0 * abstract; figure	REAL) 5A *	1	
				TECHNICAL FIELDS SEARCHED (Int. Cl.5)
				C11D B65B
	The present search report has be	en drawn up for all claims		
Place of search THE HAGUE		Date of completion of the search 26 AUGUST 1993		Exambser DELZANT J-F.
X : parti Y : parti docu	CATEGORY OF CITED DOCUMEN cularly relevant if taken alone cularly relevant if combined with anot ment of the same category nological background	E : earlier pater after the fili her D : document o L : document o	inciple underlying the	invention

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