

Title (en)

A MACHINE FOR THE PRODUCTION OF SOAP BARS MADE UP OF TRANSPARENT SOAP

Publication

EP 0530156 A3 19931027 (EN)

Application

EP 92830403 A 19920722

Priority

IT RM910567 A 19910726

Abstract (en)

[origin: EP0530156A2] 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 comprises means (5, 6, 7) for suction of the liquid soap and for conveying the same into the half-moulds (3), means (14) for injecting liquid soap into said half-moulds (3); means for feeding the film (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 half-moulds (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 cold-cutting 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. <IMAGE>

IPC 1-7

C11D 13/16; **C11D 17/00**

IPC 8 full level

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Citation (search report)

- [A] EP 0321179 A1 19890621 - UNILEVER PLC [GB], et al
- [A] EP 0294010 A1 19881207 - NEUTROGENA CORP [US]
- [A] FR 743090 A 19330323
- [AP] EP 0493197 A1 19920701 - OREAL [FR]

Cited by

US7632441B2; US8162646B2; US6224812B1; US6800601B2

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