

Title (en)

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

Title (de)

Vorrichtung zur Herstellung von transparenten Seifenstücken.

Title (fr)

Appareil pour la fabrication de pains de savon transparents.

Publication

**EP 0530156 A2 19930303 (EN)**

Application

**EP 92830403 A 19920722**

Priority

IT RM910567 A 19910726

Abstract (en)

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 halfmoulds (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

**C11D 13/16** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

**C11D 13/16** (2013.01); **C11D 17/0095** (2013.01)

Cited by

US7632441B2; US8162646B2; US6224812B1; US6800601B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR LI NL PT

DOCDB simple family (publication)

**EP 0530156 A2 19930303**; **EP 0530156 A3 19931027**; IT 1250059 B 19950330; IT RM910567 A0 19910726; IT RM910567 A1 19930126

DOCDB simple family (application)

**EP 92830403 A 19920722**; IT RM910567 A 19910726