Title (en)

PLASTIC CLIP IN TWO PARTS AND DEVICE FOR CLOSING THE SAME

Title (de)

KUNSTSTOFF-CLIP AUS ZWEI TEILEN UND VORRICHTUNG ZU SEINEM SCHLIESSEN

Title (fr)

ATTACHE EN PLASTIQUE EN DEUX PARTIES ET SON DISPOSITIF DE FERMETURE

Publication

EP 0712365 A1 19960522 (DE)

Application

EP 94924784 A 19940719

Priority

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Abstract (en)

[origin: WO9505320A1] A plastic clip in two parts is used for closing sausage casings, bags or the like. The first part (1) holds the end of the casing gathered together into a plait in a U-shaped cavity formed by side faces and cross-bars. The second part (2) bridges the cavity (4) of the first part and is lockingly secured to the first part. The second part (2) is linked at one of its transverse ends to the first part (1) by means of a film hinge (3) and has a locking arm (16) at its other transverse end that may engage a locking projection (22) on the other cross-bar (6) of the first part for closing the clip. A traverse (8) spaced apart from the cross-bar (6) next to the hinge interconnects the side faces (5) and is gripped in the closed state by an arm on the second part, so that a high closing pressure is exercised at the same time as the required elasticity is maintained. A device for closing such a plastic clip has two cavities (37, 39) for receiving both clip parts (33, 34). One cavity (37) is fixed and the other (39) may swivel around an axis (40) aligned with the hinge axis (35) of the clip parts (33, 34). The second reception cavity (39) is swivelled into the closed position of the clip by a mechanical drive (38, 41, 42). In an improvement of the closing device, a positioning arrangement (50) feeds the clip to be closed from a supply channel (32) to the reception cavities (37, 39) of the closing mechanism by means of a cam-controlled driver (56).

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