

Title (en)
Bag opening device.

Title (de)
Beutelöffnungsvorrichtung.

Title (fr)
Dispositif d'ouverture de sacs.

Publication
EP 0309112 A1 19890329 (EN)

Application
EP 88308204 A 19880905

Priority
• GB 8722202 A 19870921
• GB 8809613 A 19880422

Abstract (en)
Apparatus for the opening of a bag (1) is provided with a clamp (2) having one fixed jaw (3) which applies a high pressure to a limited area of the bag by means of a pip (4), and a movable jaw (5) which applies a lower pressure to the bag (1) over a larger area through a spring-loaded block (6) and a rubber pad (7), and is movable by means of a pneumatic cylinder (8). The high pressure applied by the pip (4) is sufficient to prevent any relative movement of the bag panels. The lower pressure exerted by the rubber pad (7) is sufficient to prevent sliding movement of the pad (7) relative to the upper surface of the bag (1) but does not prevent relative movement between the upper and lower panels of the bag (1). When the movable jaw (5) is moved towards the fixed jaw (3) a region of the upper panel of the bag is buckled between the two jaws. Raising of the clamp thus opens the bag, the lower side being held down by adhesive tape (9).

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CPC (source: EP)
B65B 43/26 (2013.01)

Citation (search report)
[X] DE 3326616 A1 19850131 - TOSS FRANCO

Cited by
CN103274085A; US7671191B2; WO2007105970A1

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