

Title (en)

Method and device for making, filling and closing bags.

Title (de)

Verfahren und Vorrichtung zum Herstellen, Befüllen und Verschliessen von Säcken.

Title (fr)

Procédé et dispositif pour la fabrication, le remplissage et la fermeture de sacs.

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Application

EP 90124785 A 19901219

Priority

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Abstract (en)

[origin: CA2034049A1] . The invention relates to a method for the manufacture, filling and sealing of bags starting with a flat web of tubular foil preferably provided with side folds of thermoplastic synthetic resin in the case of which the respectively leading end of the tubular foil web is provided with a transverse weld seam and then a section in the form of an open bag is severed from the tubular foil web and wherein the bag is then filled and the open end of the bag is drawn taut and closed by means of a transverse weld. In order to achieve the aim of providing a method and an apparatus of the type initially mentioned with which bags may be produced filled and sealed with a simple mechanical system after the production of the terminal transverse weld the tubular foil web is fed by the length of a section through the opened welding jaws of the welding station and the bag formed in this manner is gripped laterally by a pair of grippers and at a higher level than the pairs of grippers is severed from the tubular foil web using a transverse severing cut. The bag held by the pairs of grippers on the two sides of its open end lower down than the edge of the opening is conveyed by the pair of grippers into the filling station, wherein for opening the bag the grippers are moved towards each other. The pairs of grippers pull taut the edges of the opening of the bag after the same has been filled and return the same into the welding station, in which the ends of the opening of the bag, which project beyond the pair of grippers, are connected together by a head weld. The invention furthermore relates to an apparatus for performing the said method.

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Cited by

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