

Title (en)

Method and device for continuously making foil containers

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Herstellen von Folienbehältern

Title (fr)

Procédé et dispositif pour la fabrication continue de récipients en feuille

Publication

EP 0603704 B1 19980610 (DE)

Application

EP 93120082 A 19931213

Priority

DE 4243325 A 19921221

Abstract (en)

[origin: EP0603704A1] A method and a device serve for continuously making filled foil containers. By V-shaped folding of a soft foil (3) until the foil halves lying on both sides of the folding line (8) lie one on top of the other and by subsequent joining of the foil halves by first sealing seams (10), individual pockets (12) are formed within a string of containers. By filling the pockets between the first sealing seams (10) and by closing the pockets by sealing by means of second sealing seams (29), filled foil containers are formed, these containers subsequently being cut off individually or in groups. To increase the filling volume of the pockets in this case, the initially still superjacent wall elements of the pockets (12) are plastically deformed after applying the first sealing seams (10), to form a distance between the wall elements. For processing the foil, the device has a supply station (1), a folding station (7), a first sealing station (9), a filling station (23), a second sealing station (28), a transporting means (32) and a punching station (30). The first sealing station (9) is in this case followed downstream by a forming station (16) for the plastic deformation of the wall elements of the pockets (12). Filling and plastic deformation may in this case also be carried out in a combined forming and filling station. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

WO2011101190A1; ITTV20100117A1; NL1019738C2; ITTV20100019A1; CN102803077A; AU749585B2; US6470652B1; CN102137753A; EP0832819A1; US7172066B2; EP2177438A1; WO9826997A3; WO2012080932A1; US9919819B2; US11180266B2

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