

Title (en)

A METHOD FOR MAKING FORM FILL SEAL POUCHES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FORM-FÜLL-VERSCHLUSSBEUTELN

Title (fr)

PROCÉDÉ POUR RÉALISER DES SACHETS À FORMAGE-REMPLISSAGE-SCELLAGE

Publication

**EP 2356030 A1 20110817 (EN)**

Application

**EP 09751863 A 20091030**

Priority

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Abstract (en)

[origin: WO2010066509A1] The invention relates to a method and a system of continuously forming, filling and sealing side-gusseted flexible pouches with product, comprising the steps of : (i) providing a continuous sheet of film; (ii) drawing said sheet over a pouch-former to form a film tube having an overlapped vertical film edge; (iii) sealing said overlapped vertical film edge with a vertical sealer to form a vertical seal, while said film-tube is continuously pulled along machine direction; (iv) forming gussets on both lateral sides of the tube; (v) effecting a horizontal seal across said film- tube, with horizontal sealing jaws, at a predetermined location below said vertical sealer to form the top horizontal seal of a filled pouch and the bottom horizontal seal of a pouch to be filled, optionally with perforations there-between; (vi) feeding said product within said film-tube; and, (vii) sealing open end of said film-tube with said horizontal sealing jaws at a pre-determined location, where at the intersection of the horizontal seal with inner ends of the gussets, an un-sealed pocket extending on either sides of the intersection is formed, wherein width of the un-sealed pocket is in the range of 25 to 50 % of the total width of the gusset.

IPC 8 full level

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CPC (source: BR EP)

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