

Title (en)

A method for making pouches and a packaging apparatus for making pouches

Title (de)

Verfahren zur Herstellung von Beuteln und Verpackungsvorrichtung zur Herstellung von Beuteln

Title (fr)

Procédé de fabrication de sacs d'emballage et appareil de fabrication de sacs

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Application

EP 12006916 A 20121005

Priority

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Abstract (en)

The present invention relates to a method for making pouches (P) providing a continuous web (18); folding the web (18) to provide confronting side surfaces (22) joined along a bottom edge (24); forming a vertical seal (26) between the confronting side surfaces (22), thereby providing a series of adjacent pockets (28) having opposite side walls with each pocket having an unsealed opening (29) along a top edge (31); filling the pockets (28) through the unsealed opening (29) with material; sealing the unsealed opening (29). In the inventive method, which facilitates handling of the continuous web forming the pouches, the web (18) is perforated by a perforation (46) between a leading length piece (48) of the web (18) adapted to form a leading pocket and a trailing length piece (48) of the web (18) adapted to form a trailing pocket (28), and the distance between a trailing edge (26b) of the leading length piece (48) and a leading edge (26a) of a trailing length piece (48) is increased for tearing the leading and the trailing lengths pieces (48) apart at the perforation (46). The apparatus according to the present invention for making pouches comprises perforation means (36, 38) for perforating the continuous web (18) between a leading length piece (48) of the web (18) adapted to form a leading pocket (28) and a trailing length piece (48) of the web (18) adapted to form a trailing pocket (28), and tearing means (4, 6) adapted to tear the leading length piece (48) and the trailing length piece (48) apart by increasing the distance between a trailing edge (26b) of the leading length piece (48) and a leading edge (26a) of the trailing length piece (48).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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- WO 2007089823 A2 20070809 - FRANKS CASING CREW & RENTAL [US], et al
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Citation (search report)

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