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 B1 20120801 (EN)

Application
EP 09751863 A 20091030

Priority
• EP 2009064360 W 20091030
• IN 2593MU2008 A 20081212

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
B65B 51/30 (2006.01); **B65B 9/20** (2012.01); **B65D 30/20** (2006.01); **B65D 75/12** (2006.01)

CPC (source: BR EP)
B65B 9/2042 (2013.01 - BR EP); **B65B 51/303** (2013.01 - BR EP)

Cited by
EP3998217A4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010066509 A1 20100617; AR 074666 A1 20110202; BR PI0922072 A2 20151222; BR PI0922072 B1 20191015; CN 102245475 A 20111116; CN 102245475 B 20131211; EP 2356030 A1 20110817; EP 2356030 B1 20120801; ES 2392682 T3 20121212

DOCDB simple family (application)
EP 2009064360 W 20091030; AR P090104754 A 20091209; BR PI0922072 A 20091030; CN 200980149658 A 20091030; EP 09751863 A 20091030; ES 09751863 T 20091030