

Title (en)

Machine for producing packaging material in the form of cushions filled with air or other gas

Title (de)

Maschine zur Herstellung von luft oder gas gefülltem kissenförmigem Verpackungsmaterial

Title (fr)

Machine pour la fabrication de matériau d'emballage sous forme de coussinets remplis d'air ou de gas.

Publication

EP 2143555 A1 20100113 (EN)

Application

EP 08170033 A 20081126

Priority

IT PI20080059 A 20080711

Abstract (en)

A machine (1) for making a packaging material in the form of cushions (100) of gas, for example cushions filled with air, comprises feeding rollers (21) that are adapted to bring a web (10) of thermoplastic material along a longitudinal feeding direction. The web (10) comprises, in particular two films (10a, 10b) that are overlapped to each other and can be unwound starting from a roll (50). The transversal welding lines (11) have in particular a length that is less than the transversal width (L) of the web (10), in order to define an open passageway (18) at which the web (10) is put on a longitudinal guide (25) that is arranged downstream of the feeding rollers (21). At the guide (25) a cutting blade (85) is present that cuts longitudinally the web (10) obtaining a longitudinal cut (14). This allows the introduction of an inflation member (27) and the movement of the web (10) along the machine (1).

IPC 8 full level

B31D 5/00 (2006.01)

CPC (source: EP)

B31D 5/0073 (2013.01); **B31D 2205/0052** (2013.01)

Citation (search report)

- [A] WO 0053501 A1 20000914 - NOVUS PACKAGING CORP [US]
- [A] WO 9407678 A1 19940414 - KLERK S PLASTIC IND B V [NL], et al
- [A] GB 2257087 A 19930106 - KABUSHIKIKAISHA KASHIHARASEITA [JP]

Cited by

EP3480006A4; US9844911B2; US10618243B2; US10391733B2; JP2014518185A; EP2729369A4; EP3138687A1; US10647460B2; US11572225B2; US10730260B2; WO2013006779A1; US10377098B2

Designated contracting state (EPC)

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