

Title (en)

Apparatus and method for forming inflated packaging cushions

Title (de)

Vorrichtung und Verfahren zur Herstellung von gasgefüllten Verpackungskissen

Title (fr)

Dispositif et procédé pour fabriquer des coussins d'emballage gonflés

Publication

**EP 1707347 A2 20061004 (EN)**

Application

**EP 06005631 A 20060320**

Priority

US 9527905 A 20050331

Abstract (en)

An inflation apparatus (100) automatically inflates and seals a plurality of pockets (24) preformed in a film web (10) to form packaging cushions. As the film web is advanced, a stream of inflation gas is directed from an inflation port (282) into each of the pockets. The stream of inflation gas is directed in a flow direction having a component in the direction of travel. A sealing mechanism is positioned as close as possible to the inflation port (282) so that the opening of each pocket is almost entirely closed and sealed while the stream of inflation gas is directed into the pocket. As a result, it is possible to achieve more fully inflated packaging cushions on a consistent basis.

IPC 8 full level

**B31D 5/00** (2006.01)

CPC (source: EP US)

**B31D 5/0073** (2013.01 - EP US); **B31D 2205/0023** (2013.01 - EP US); **B31D 2205/0052** (2013.01 - EP US)

Citation (applicant)

US 2002166788 A1 20021114 - SPERRY CHARLES R [US], et al

Cited by

GB2562216A; EP1905574A1; US7698874B2

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