

Title (en)

Packaging machine and method for manufacturing packaging from a film

Title (de)

Verpackungsmaschine und Verfahren zum Herstellen von Packungen aus einer Folie

Title (fr)

Machine d'emballage et procédé de fabrication d'emballage à partir d'une feuille

Publication

EP 2011734 A1 20090107 (DE)

Application

EP 08011950 A 20080702

Priority

DE 102007031527 A 20070706

Abstract (en)

Packing machine (1) comprises working stations (2) in which the pressure and/or the volume stream is controlled using a proportional controller (24, 25). An independent claim is also included for a method for the production of packages from a film in a packing station. Preferred Features: The proportional controller comprises a valve and an electronic control unit. The controller is connected to a machine control unit (28) for receiving and regulating a prescribed pressure theoretical value.

Abstract (de)

Die Erfindung betrifft eine Verpackungsmaschine mit wenigstens einer Arbeitsstation, in der mittels Unter- oder Überdruck auf eine Folie eingewirkt wird, dadurch gekennzeichnet, dass der Druck und/oder der Volumenstrom mittels eines Proportionalreglers geregelt wird.

IPC 8 full level

B65B 47/08 (2006.01); **B65B 9/04** (2006.01)

CPC (source: EP US)

B65B 9/04 (2013.01 - EP US); **B65B 31/00** (2013.01 - EP US); **B65B 47/08** (2013.01 - EP US); **B65B 57/00** (2013.01 - EP US)

Citation (applicant)

- EP 0192605 A1 19860827 - ILAPAK RES & DEV SA [CH]
- US 3714754 A 19730206 - HOLCOMBE E, et al
- EP 0461689 A1 19911218 - EUROSICMA SRL [IT]
- US 2001028124 A1 20011011 - ANDERSON RONALD K [US], et al
- GB 1445530 A 19760811 - MULTIVAC SEPPHAGGEN MUELLER KG

Citation (search report)

- [X] EP 0461689 A1 19911218 - EUROSICMA SRL [IT]
- [A] US 2001028124 A1 20011011 - ANDERSON RONALD K [US], et al
- [X] GB 1445530 A 19760811 - MULTIVAC SEPPHAGGEN MUELLER KG
- [A] EP 0192605 A1 19860827 - ILAPAK RES & DEV SA [CH]
- [A] DE 102005061315 A1 20070621 - CFS GERMANY GMBH [DE]

Cited by

DE102018100224A1; EP3508432A1; US11111040B2; EP2668102B2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2009071100 A1 20090319; US 8091322 B2 20120110; AT E500141 T1 20110315; DE 102007031527 B3 20080619; DE 502008002708 D1 20110414; EP 2011734 A1 20090107; EP 2011734 B1 20110302; ES 2361114 T3 20110614

DOCDB simple family (application)

US 21729108 A 20080702; AT 08011950 T 20080702; DE 102007031527 A 20070706; DE 502008002708 T 20080702; EP 08011950 A 20080702; ES 08011950 T 20080702