

Title (en)

TUBULAR BAG MACHINE WITH A GAS CONTROLLING DEVICE

Title (de)

SCHLAUCHBEUTELMASCHINE MIT EINER GASEINSTELLVORRICHTUNG

Title (fr)

MACHINE À SACHETS TUBULAIRES AVEC UN DISPOSITIF DE RÉGLAGE DE GAZ

Publication

EP 2920078 B1 20180221 (DE)

Application

EP 13788942 A 20131104

Priority

- DE 102012220730 A 20121114
- EP 2013072953 W 20131104

Abstract (en)

[origin: WO2014075940A1] The invention specifies an in particular horizontal tubular-bag machine (5) in which objects (2) which are provided for packaging are conveyed along a conveying direction (6) by means of a conveying apparatus (51). The tubular-bag machine (5) has an apparatus (50, 43) for producing from a packaging sheet material (12) a packaging tube (13) extending in the conveying direction (6), and also has a longitudinal-connection device (53, 54) and a transverse-connection device (44) for producing longitudinal and transverse connections in the packaging tube (13). Also provided is a gas-adjusting device (8) with an introduction head (80) for engaging in the packaging tube (13) in a direction transverse to the conveying direction, wherein the introduction head (80) has a first gas-passage opening (802, 804, 805, 807, 808) and at least one second gas-passage opening (802, 804, 805, 807, 808) by way of which a gas is fed into the packaging tube (13) or removed therefrom.

IPC 8 full level

B65B 31/04 (2006.01); **B65B 9/06** (2012.01); **B65B 9/067** (2012.01); **B65B 9/073** (2012.01); **B65B 31/00** (2006.01); **B65B 31/06** (2006.01); **B65B 35/30** (2006.01)

CPC (source: EP US)

B65B 9/06 (2013.01 - US); **B65B 9/067** (2013.01 - EP US); **B65B 9/073** (2013.01 - EP US); **B65B 31/00** (2013.01 - US); **B65B 31/04** (2013.01 - EP US); **B65B 31/06** (2013.01 - EP US); **B65B 35/30** (2013.01 - US)

Citation (examination)

- DE 3107485 A1 19820916 - SUEDPACK VERPACKUNGS GMBH & CO [DE]
- DE 1262867 B 19680307 - HAYSEN MFG COMPANY EINE GES N
- US 2001011445 A1 20010809 - SCOLARO MAURO [IT]
- US 2012090271 A1 20120419 - REARICK MARK [US], et al
- US 3958390 A 19760525 - PRINGLE JR FRANK E, et al

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102012220730 A1 20140515; EP 2920078 A1 20150923; EP 2920078 B1 20180221; US 2016288937 A1 20161006; WO 2014075940 A1 20140522

DOCDB simple family (application)

DE 102012220730 A 20121114; EP 13788942 A 20131104; EP 2013072953 W 20131104; US 201314442159 A 20131104