

Title (en)

PACKAGING MACHINE AND METHOD FOR PACKAGING PRODUCTS IN PLASTIC PACKAGES

Title (de)

VERPACKUNGSMASCHINE UND VERFAHREN ZUM VERPACKEN VON PRODUKTEN IN KUNSTSTOFFVERPACKUNGEN

Title (fr)

MACHINE ET PROCEDE D'EMBALLAGE PERMETTANT D'EMBALLER DES PRODUITS DANS DES EMBALLAGES EN MATIÈRE PLASTIQUE

Publication

EP 3560845 B1 20201111 (DE)

Application

EP 19168882 A 20190412

Priority

DE 102018110227 A 20180427

Abstract (en)

[origin: US2019329923A1] Packaging machine for packaging products in plastic packaging having at least one sealing station for receiving a plastic packaging to be sealed in a reception region within the sealing station. The packaging machine includes a supply line capable to supply a gas to the reception region, a discharge line capable to discharge a gas from the reception region. A valve may be disposed in the discharge line. Further, a vacuum pump may be connected to the discharge line to pump gas out of the reception region through the discharge line valve. A measuring line may be connected to the reception region at a connection point and may be connected to the discharge line in a region between the valve and the vacuum pump via a connecting line. A first shut-off valve may be disposed in the connecting line and a second shut-off valve may be disposed in the measuring line.

IPC 8 full level

B65B 31/02 (2006.01)

CPC (source: CN EP US)

B65B 31/02 (2013.01 - CN); **B65B 31/028** (2013.01 - EP); **B65B 31/04** (2013.01 - US); **B65B 55/10** (2013.01 - US)

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)

EP 3560845 A1 20191030; **EP 3560845 B1 20201111**; CN 110406721 A 20191105; CN 110406721 B 20210409; DE 102018110227 A1 20191031; ES 2850076 T3 20210825; US 11040795 B2 20210622; US 2019329923 A1 20191031

DOCDB simple family (application)

EP 19168882 A 20190412; CN 201910344313 A 20190426; DE 102018110227 A 20180427; ES 19168882 T 20190412; US 201916394105 A 20190425