

Title (en)

MACHINE AND METHOD FOR AUTOMATICALLY FILLING AND SEALING VALVE BAGS

Title (de)

MASCHINE UND VERFAHREN ZUM AUTOMATISCHEN BEFÜLLEN UND VERSCHLIESSEN VON VENTILSÄCKEN

Title (fr)

MACHINE ET PROCÉDÉ DE REMPLISSAGE ET SCELLEMENT AUTOMATIQUES DE SACS À VALVE

Publication

**EP 3490889 B1 20191106 (EN)**

Application

**EP 17761577 A 20170726**

Priority

- IT 201600078704 A 20160727
- IB 2017054523 W 20170726

Abstract (en)

[origin: WO2018020429A1] A machine (1 ) for automatically filling and sealing valve bags, which comprises a load-bearing frame (2) with bag-filling means (3) mounted thereto, and comprising a nozzle (4) adapted to be introduced into the mouth (M) of each bag (B), transfer means (5) for picking up each bag (B) from a supply (6) of empty bags (B) and transferring it toward the filling means (3) along a second path (T-i), one head (1 5) for sealing the valve (V) of each filled bag (B), support means (1 6) for supporting each bag (B) toward a collection area and a computerized control unit for automatically controlling the filling means (3), the transfer means (5), the sealing head (14) and the support means (1 6). The support means (1 6) are adapted to move between the nozzle (4) and the sealing head (1 5) along a second path (T2), the control unit is programmed to control the movement of the transfer means (5) and the support means (1 6) such that the transfer of each empty bag (B) toward the nozzle (4) and the movement of each filled bag (B) to the sealing head (1 5) may be synchronized while preventing any interference of their respective paths. A method of filling and sealing valve bags (B) using said machine (1 ).

IPC 8 full level

**B65B 43/18** (2006.01); **B65B 1/18** (2006.01); **B65B 3/17** (2006.01); **B65B 7/02** (2006.01); **B65B 43/54** (2006.01)

CPC (source: EP)

**B65B 1/18** (2013.01); **B65B 7/025** (2013.01); **B65B 43/18** (2013.01); **B65B 43/54** (2013.01)

Cited by

CN108216756A

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)

**WO 2018020429 A1 20180201**; EP 3490889 A1 20190605; EP 3490889 B1 20191106; IT 201600078704 A1 20180127

DOCDB simple family (application)

**IB 2017054523 W 20170726**; EP 17761577 A 20170726; IT 201600078704 A 20160727