

Title (en)

MACHINE FOR PRODUCING FILTER-BAGS WITH INFUSION PRODUCTS AND WITH AN OVERWRAP ENVELOPE

Title (de)

MASCHINE ZUR HERSTELLUNG VON FILTERBEUTELN MIT AUFGUSSPRODUKTEN UND MIT EINER UMHÜLLUNG

Title (fr)

MACHINE POUR LA PRODUCTION DE POUCHES FILTRANTES COMPRENANT DES PRODUITS DE PERFUSION ET AYANT UNE ENVELOPPE DE SUREMBALLAGE

Publication

EP 3487767 A1 20190529 (EN)

Application

EP 17745517 A 20170720

Priority

- IT 201600076443 A 20160721
- IB 2017054399 W 20170720

Abstract (en)

[origin: WO2018015917A1] Described is a machine (1) for packaging filter-bags (4, 4') each wrapped in a sheet of overwrapping material (F) and containing a respective dose of infusion product, comprising: a rotary carousel (2) equipped with a plurality of grippers (3) each of which is designed to adopt a retaining condition and a release position of a respective bag (4; 4'), the carousel (2) rotates about an axis of rotation (R) in such a way as to cause a movement of each of the grippers (3) along an operating path so that each bag (4; 4') is transported by the gripper (3) along the path; a plurality of stations distributed along the operating path to perform a plurality of operating steps on each bag (4; 4'); and wherein at least one of the stations is a wrapping station (5d) configured to operate, on the bag (4; 4'), according to a wrapping mode, according to which the bag (4; 4') is picked up by the gripper (3), wrapped in a sheet of overwrapping material (F) fed by unwinding means (6), and repositioned in the respective gripper (3); the wrapping station (5d) is configured to operate, on the bag (4; 4'), according to a rejection mode, in accordance with which the unwinding means (6) are deactivated and the respective bag (4; 4') is maintained in position in the respective gripper (3).

IPC 8 full level

B65B 29/02 (2006.01); **B65B 11/38** (2006.01); **B65B 29/04** (2006.01); **B65B 35/16** (2006.01); **B65B 35/26** (2006.01); **B65B 57/12** (2006.01)

CPC (source: EP)

B65B 11/38 (2013.01); **B65B 29/028** (2017.07); **B65B 29/04** (2013.01); **B65B 35/16** (2013.01); **B65B 35/26** (2013.01); **B65B 57/12** (2013.01)

Citation (search report)

See references of WO 2018015917A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018015917 A1 20180125; EP 3487767 A1 20190529; EP 3487767 B1 20200902; ES 2832892 T3 20210611; IT 201600076443 A1 20180121

DOCDB simple family (application)

IB 2017054399 W 20170720; EP 17745517 A 20170720; ES 17745517 T 20170720; IT 201600076443 A 20160721