

Title (en)

MACHINE AND METHOD FOR FILLING CARTRIDGES OF AEROSOL GENERATORS

Title (de)

MASCHINE UND VERFAHREN ZUM FÜLLEN VON KARTUSCHEN VON AEROSOLGENERATOREN

Title (fr)

MACHINE ET PROCÉDÉ DE REMPLISSAGE DE CARTOUCHES DE GÉNÉRATEURS D'AÉROSOL

Publication

**EP 3752427 A1 20201223 (EN)**

Application

**EP 19721008 A 20190213**

Priority

- IT 201800002628 A 20180213
- IB 2019051157 W 20190213

Abstract (en)

[origin: WO2019159072A1] The invention relates to a cartridge filling machine (1) (C) for aerosol generators and presenting: a conveying assembly (3, 4, 5) arranged to convey the cartridges (C) along a conveying path (T); and at least a first filling head (2), arranged along the conveying path (T) and comprising at least one dispenser nozzle (20) for filling the cartridges (C) conveyed by the conveying assembly (3, 4, 5) with a product. The conveying assembly (3, 4, 5) has: a guide (3) defining a closed path and comprising a first portion (31), at which the first filling head (2) is arranged; a plurality of movable units (4), sliding along the guide (3) independently of each other and provided with means for receiving and holding the cartridges (C); a stator of a linear electric motor (5), fastened to the guide (3); and a plurality of magnets, fastened to the movable units (4) in order to interact with the stator of the linear electric motor (5) allowing the movable units (4) to be moved along the guide (3).

IPC 8 full level

**B65B 43/54** (2006.01); **B65B 3/04** (2006.01)

CPC (source: EP)

**B65B 3/04** (2013.01); **B65B 43/54** (2013.01)

Citation (search report)

See references of WO 2019159072A1

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 2019159072 A1 20190822**; EP 3752427 A1 20201223; IT 201800002628 A1 20190813

DOCDB simple family (application)

**IB 2019051157 W 20190213**; EP 19721008 A 20190213; IT 201800002628 A 20180213