

Title (en)

STATION AND METHOD FOR FILLING CARTRIDGES OF ELECTRONIC CIGARETTES

Title (de)

STATION UND VERFAHREN ZUM BEFÜLLEN VON KARTUSCHEN VON ELEKTRONISCHEN ZIGARETTEN

Title (fr)

POSTE ET PROCÉDÉ DE REMPLISSAGE DE CARTOUCHES DE CIGARETTES ÉLECTRONIQUES

Publication

**EP 3717363 B1 20210901 (EN)**

Application

**EP 18821738 A 20181122**

Priority

- IT 201700138729 A 20171201
- IB 2018059230 W 20181122

Abstract (en)

[origin: WO2019106504A1] The invention regards a station for filling (1) cartridges (P) of electronic cigarettes, comprising: feeding means (2), set in a feeding area (Z1) for feeding cartridges (P) of electronic cigarettes to be filled; filling means (3), set in a filling area (Z2), downstream of the feeding area (Z1), for filling the cartridges (P) of electronic cigarettes; and a transfer device (4), set between the feeding means (2) and the filling means (3), for receiving from the feeding means (2) the cartridges (P) of electronic cigarettes to be filled and transferring them from the feeding area (Z1) to the filling area (Z2). In particular, the transfer device (4) comprises: a first transfer sector (41) and a second transfer sector (42), which are pre-arranged for receiving from the feeding means (2), respectively, first cartridges (P1) and second cartridges (P2) of electronic cigarettes to be filled and transferring them into the filling area (Z2). The first transfer sector (41) and the second transfer sector (42) are mobile in rotation about an axis (H), independently of one another, at a reception speed (w1) when they are in the feeding area (Z1), at a filling speed (w2) when they are in the filling area (Z2), and at a transfer speed (w3), higher than the reception speed (w1) and the filling speed (w2), when they are between the feeding area (Z1) and the filling area (Z2).

IPC 8 full level

**B65B 43/42** (2006.01); **B65B 3/00** (2006.01); **B65B 3/04** (2006.01); **B65B 43/50** (2006.01); **B65B 43/60** (2006.01)

CPC (source: EP)

**B65B 3/003** (2013.01); **B65B 3/04** (2013.01); **B65B 43/42** (2013.01); **B65B 43/50** (2013.01); **B65B 43/60** (2013.01)

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 2019106504 A1 20190606**; EP 3717363 A1 20201007; EP 3717363 B1 20210901; PL 3717363 T3 20211220

DOCDB simple family (application)

**IB 2018059230 W 20181122**; EP 18821738 A 20181122; PL 18821738 T 20181122