

Title (en)

MANUFACTURING MACHINE FOR THE PRODUCTION OF DISPOSABLE CARTRIDGES FOR ELECTRONIC CIGARETTES

Title (de)

HERSTELLUNGSMASCHINE ZUR HERSTELLUNG VON EINWEGKARTUSCHEN FÜR ELEKTRONISCHE ZIGARETTEN

Title (fr)

MACHINE DE FABRICATION DESTINÉE À LA PRODUCTION DE CARTOUCHES JETABLES DE CIGARETTES ÉLECTRONIQUES

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Application

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Priority

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Abstract (en)

[origin: WO2019043662A1] A manufacturing machine (8) for the production of disposable cartridges (1) for electronic cigarettes; the manufacturing machine (8) has: a manufacturing drum (9; 13) which supports at least one group (11; 15) of first seats (12; 16), each adapted to receive a component (2; 7) of the disposable cartridge (1); and a feeding unit (17; 21) which feeds the components (2; 7) of the disposable cartridges (1) to the first seats (12; 16). The feeding unit (17; 21) has a feeding drum (28; 85) which supports at least one group (30; 87) of fingers (31; 88) side-by-side one another, each having at least a second seat (32; 89), which is adapted to receive a component (2; 7). The group (30; 87) of fingers (31; 88) is adapted to receive the components (2; 7) in an insertion station (S8; S9) and is adapted to release the components (2; 7) to the first seats (12; 16) of the manufacturing drum (9; 13) in a feeding station (S1; S5). Each finger (31; 88) is mounted on the feeding drum (28; 85) so as to translate relative to the feeding drum (28; 85) along a separating direction (D1) in order to move away from or closer to the adjacent fingers (31; 88). An actuator device (33; 90) is provided which moves the fingers (31; 88) along the separating direction (D1) so as to arrange the fingers (31; 88) at a first mutual distance in the insertion station (S8; S9) and at a second mutual distance, which is different from the first mutual distance, in the feeding station (S1; S5).

IPC 8 full level

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