

Title (en)
MANUFACTURING MACHINE AND MANUFACTURING METHOD FOR THE PRODUCTION OF DISPOSABLE CARTRIDGES

Title (de)
VERPACKUNGSMASCHINE UND VERPACKUNGSVERFAHREN ZUR HERSTELLUNG VON EINWEGKARTUSCHEN

Title (fr)
MACHINE ET PROCEDE D'EMBALLAGE POUR LA PRODUCTION DE CARTOUCHES JETABLES

Publication
EP 3822178 B1 20220831 (EN)

Application
EP 20208494 A 20201118

Priority
IT 201900021393 A 20191118

Abstract (en)
[origin: EP3822178A1] A manufacturing machine (9) and manufacturing method for the production of disposable cartridges (1); the following are provided: a moving conveyor (92), which moves a plurality of first seats (93), each designed to house a corresponding cartridge (1), along a horizontal moving path (P1); and at least one controlling unit (100), which is arranged along the moving conveyor (92) as to carry out a quality check of at least one cartridge (1) housed in a respective first seat (93). The controlling unit (100) has: a control drum (101), which is mounted so as to rotate, in a stepped manner, around a vertical rotation axis (102) perpendicular to the control path and feeds at least a second seat (103), which is designed to grab a corresponding cartridge (1), along an annular control path and through an exchange station (S13), in which the second seat (103) overlaps a first seat (93); and a first control device (104), which is designed to carry out a control on a cartridge (1) and is arranged in a control station (S14), which is located along the control path downstream of the exchange station (S13) and at a given distance from the moving conveyor (92).

IPC 8 full level
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CPC (source: EP)
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Cited by
EP4144655A1; IT202100022640A1; CN115256970A; US11744294B2; WO2023102218A1

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