

Title (en)

MULTI-STATION PACKAGING MACHINE HAVING A CIRCULAR TRAY AND DEVICE FOR FILLING VIALS

Title (de)

MULTISTATIONÄRE VERPACKUNGSMASCHINE MIT EINER KREISFÖRMIGEN ABLAGE UND VORRICHTUNG ZUM FÜLLEN VON AMPULLEN

Title (fr)

MACHINE DE CONDITIONNEMENT MULTIPOSTE À PLATEAU CIRCULAIRE ET DISPOSITIF DE REMPLISSAGE DE FLACONS

Publication

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Application

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Abstract (en)

[origin: WO2013182826A1] The invention concerns a packaging machine (27) and a device (1) for filling vials for a multi-station machine having a circular tray (24) for transporting vials, the vials being transported intermittently by the peripheral edge of the tray in indexed positions (26) of the tray, said device allowing the continuous simultaneous filling of a predefined number of vials both when the vials are moving and when the vials are stationary, said device comprising a first motorised means (7) allowing filling nozzles (16) to be raised and lowered and a second motorised means (8) allowing the filling nozzles to be moved back and forth following the vials. It is intended to be installed at the edge of the tray and allows a movement of the nozzles that is co-circular to that of the vials. It comprises a gantry (2, 3) and a nozzle-holder carriage (4; 6, 21, 5), the gantry comprising at least two lateral vertical uprights (2) between which the horizontal nozzle-holder carriage (4) can move vertically, the nozzle-holder carriage comprising a guide plate (6) and a nozzle-holder (21), the nozzle-holder being mobile in translation in an arc of a circle, co-circularly to the vials, along the guide plate, said gantry supporting the first motorised means (7) acting on the guide plate (6) of the nozzle-holder carriage (4) in order to move said guide plate vertically up and down, the guide plate (6) supporting the second motorised means (8) acting on the nozzle-holder (21) in order to move said nozzle-holder (21) horizontally and co-circularly in an arc of a circle and back and forth along the guide plate (6).

IPC 8 full level

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