

Title (en)

FILLING PUNCH STATION AND METHOD FOR FILLING CAPSULES IN A FILLING PUNCH STATION

Title (de)

STOPFSTEMPELSTATION UND VERFAHREN ZUM FÜLLEN VON KAPSELN IN EINER STOPFSTEMPELSTATION

Title (fr)

STATION À TIGE-POUSOIR ET PROCÉDÉ DE REMPLISSAGE DE CAPSULE DANS UNE STATION À TIGE-POUSOIR

Publication

**EP 2886099 B1 20160720 (DE)**

Application

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Priority

DE 102013114693 A 20131220

Abstract (en)

[origin: CN104721053A] A tamping punch station for filling capsules in a capsule filling machine is described. The machine includes a rotatably drivable dosing disk with bore holes and a filling device for filling the bore holes. Tamping punches and ejection punches are held on a punch support, and vertical movement of the punch support causes the tamping punches to press filling material into the bore holes and the ejection punches to eject pellets created by the tamping punches in the bore holes. First drive means rotates the dosing disk along punches and second drive means moves the punch support. The second drive means comprises at least two spindle drives acting on the punch support with respectively one spindle nut and respectively one vertical drive spindle guided in the spindle nut and at least two drive motors, which drive respectively one of the spindle drives for vertical movement of the punch support. The present invention also relates to a method for filling capsules in the tamping punch station.

IPC 8 full level

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CPC (source: EP KR US)

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