

Title (en)

ADJUSTABLE PRELIMINARY PRESSURE RAIL FOR ROTARY PRESS WITH INTEGRATED MEASUREMENT OF THE PRELIMINARY PRESSURE FORCE

Title (de)

VERSTELLBARE VORDRUCKSCHIENE FÜR RUNDLAUFPRESSE MIT INTEGRIERTER MESSUNG DER VORDRUCKKRAFT

Title (fr)

PRESSION RAIL RÉGLABLE POUR PRESSE À TABLE TOURNANTE À MESURE DE LA FORCE DE PRESSION INTÉGRÉE

Publication

**EP 3517289 B1 20201230 (DE)**

Application

**EP 18153467 A 20180125**

Priority

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Abstract (en)

[origin: WO2019145097A1] The invention relates to a rotary press for producing single-layer or multi-layer tablets, comprising at least one filling unit for filling a material for pressing into openings of a die table, at least one filling station, at least one dosing station for the lower punch, at least one pressure station and at least one ejection station with tablet stripper and tablet discharge slide, wherein the at least one pressure station comprises in each case one upper and one lower pressure roller and in each case one upper and one lower cam track, wherein the cam tracks interact with upper and lower punches. The rotary press according to the invention is distinguished by the fact that, below the upper pressure roller, there is arranged at least one upper combination cam, comprising a pull-down cam, an upper preliminary-pressure rail, a capture cam and a pull-up cam, and the lower cam track comprises a height-adjustable lower preliminary-pressure rail and a unipartite ejection cam, which are attached above the lower pressure roller. In a further aspect, the invention relates to the use of the rotary press. Furthermore, the adjustable preliminary-pressure rail is connected by means of movable rails to the preferably rigid cam track.

IPC 8 full level

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