

Title (en)
PATH-CONTROLLED PRESS HAVING A SLIDING BLOCK

Title (de)
WEGGEBUNDENE PRESSE MIT KULISSENSTEIN

Title (fr)
PRESSE À COURSE IMPOSÉE DOTÉE D'UN COULISSEAU

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Abstract (en)
[origin: WO2017084952A1] The invention relates to a mechanical press comprising at least one drive shaft (1) with a follower (4) that is eccentric with respect to a shaft axis (W), and a sliding block (5), wherein the sliding block (5) executes a guided motion by means of the follower (4) and during the execution of a press stroke, the sliding block (5) is guided on at least one sliding surface (5a) on the pressure-input side, in relation to a pressure-input side surface of a slotted guide (7). The sliding block (5) has a pressure-output-side sliding surface (5b) located on the opposite side from the pressure-input side sliding surface (5a), said pressure-output side sliding surface (5b) being guided on a pressure-output side surface of the slotted guide, wherein the pressure-input side sliding surface (5a) on the sliding block (5) has a concave or convex curvature and the pressure-output side sliding surface (5b) of the sliding block (5) has a respectively other, concave or convex, curvature.

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