

Title (en)
STROKE ADJUSTMENT APPARATUS FOR A PUNCH PRESS

Publication
EP 0356809 B1 19921209 (DE)

Application
EP 89115109 A 19890816

Priority
CH 324088 A 19880831

Abstract (en)
[origin: EP0356809A1] A push rod (20) passes through the eccentric shaft (1). Arranged in the flywheel (5) is an additional disc clutch (15), which is connected to a shaft section (17) that is connected via a screw thread to the push rod (20). As a result, the push rod (20) can be displaced with a translatory movement by the machine drive (4) via the further disc clutch (15). The push rod (20) actuates the inward and outward movement of the detent pin (10) which arrests the eccentric shaft (1) with the eccentric bushing (2). The distortable clutch disc (13) is also actuated by the push rod (20) and forms the drive connection between the eccentric shaft (1) and the feed drive (14). In order to actuate these control devices for adjusting the stroke, it is merely necessary for the motor of the positionable machine drive (4) to be actuated in a particular direction of rotation, with appropriate engagement or disengagement of the clutch. No further drives are necessary to implement all the control movements to adjust the stroke. In addition, these control movements take place from the side of the flywheel (5), so that a compressed design is also achieved. <IMAGE>

IPC 1-7
B30B 1/26

IPC 8 full level
B30B 15/06 (2006.01); **B30B 1/26** (2006.01)

CPC (source: EP US)
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Cited by
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