

Title (en)
DEVICE FOR ADJUSTING THE STROKE OF A PRESS RAM OF A PUNCHING MACHINE

Publication
EP 0364715 B1 19921119 (DE)

Application
EP 89116343 A 19890905

Priority
DE 3830644 A 19880909

Abstract (en)
[origin: EP0364715A1] In order to reduce the cross-section and thus the mass of the eccentric means (23, 27, 25) and the transmission means (4, 5) for the stroke adjustment of the press ram of a notching machine and the transverse forces occurring as a result of punching, the eccentric means are arranged at the fulcrum (7) between lever (5) and drive rod (4). The eccentric means are here designed in such a way that the centre (22) of the rotational axis of the eccentric shaft (23) and the centre (24) of the eccentric pin (27), during the times of the main punching movement of the press ram, lie on the centre longitudinal axis (21) of the drive rod (4), and that the bearing pin (25) of the actuating means (10) at the eccentric shaft, during the times of changed stroke position for punching omissions (13), facultatively for further, additional notches, then lies in the extension of the centre longitudinal axis (20) of the piston rod (16). <IMAGE>

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B21D 28/22

IPC 8 full level
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