

Title (en)
DEVICE FOR EJECTING WORK PIECES FROM DIES IN A FORMING PRESS

Publication
EP 0330914 B1 19920422 (DE)

Application
EP 89102631 A 19890216

Priority
DE 3806352 A 19880227

Abstract (en)
[origin: EP0330914A1] The device for ejecting workpieces from dies (3) has a two-armed ejector lever (5), the drive-side arm of which can be driven by a drive linkage (21). The ejector-side arm acts on an ejector tappet (4). The ejector lever (5) is adjustable for changing the ejector stroke. In order to integrate the compensation for different projection lengths on workpieces into the ejector lever (5), the drive-side engagement plane (20') and the ejector-side take-off plane (12') are, on the one hand, to be arranged parallel to the adjustability of the ejector lever (5). On the other hand, the width of the ejector lever (5) in the region between the take-off plane (12') and the support (9) which supports the ejector lever (5) during forming is to differ to take account of the differences in length of the projections on workpieces. The width is obtained from the distance of the take-off plane (12') from the support (9) in the ejection position of the ejector lever (5) minus the length of the ejector stroke in this position. <IMAGE>

IPC 1-7
B21J 13/14; B30B 15/32

IPC 8 full level
B21J 13/14 (2006.01); **B30B 15/32** (2006.01)

CPC (source: EP US)
B21J 13/14 (2013.01 - EP US); **Y10S 425/005** (2013.01 - EP US)

Cited by
CN109719901A; DE10150101B4; CN107755571A; CN110711823A

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EP 0330914 A1 19890906; EP 0330914 B1 19920422; DE 3806352 A1 19890907; DE 58901209 D1 19920527; ES 2032062 T3 19930101; US 5067892 A 19911126; WO 9313893 A1 19930722

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