

Title (en)
WOBBLE PRESS.

Title (de)
TAUMELPRESSE.

Title (fr)
PRESSE OSCILLANTE.

Publication
EP 0549771 B1 19950524 (DE)

Application
EP 92915796 A 19920722

Priority
• CH 9200151 W 19920722
• CH 221491 A 19910722

Abstract (en)
[origin: WO9301906A1] In a wobble press with a first wobbling die-half (1) and an axially parallel moving second half-die (2), the wobbling motion is generated by a plurality of hydraulically actuated working pistons (5) cyclically engaging with the wobbling half-die (1). By means of the elimination of centrifugal forces by a counterweight (G) connected to the wobbling half-die (1), the precise guiding of the die-halves (1, 2) by a centring disc (17) and the avoidance of a mechanical drive by using a multiple-pistons pump (20) and a hydraulic control system for the working pistons (5), it is possible to reduce undesirable rotary forces, vibration, friction and heat generation in such a way that substantially higher wobble frequencies and shorter processing times are attained at lower cost while maintaining the geometrical wobble effect owing to the higher wobble frequency, with a simple and rapidly acting control of the extent and form of the wobbling movement even during operation, thus making it possible to preselect the most suitable pressing programme.

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B21J 9/02

IPC 8 full level
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CPC (source: EP US)
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Cited by
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