

Title (en)  
PRESS DRIVE

Publication  
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Application  
**EP 81100932 A 19810211**

Priority  
EP 81100932 A 19810211

Abstract (en)  
[origin: ES8301766A1] The invention relates to rapid mechanical presses, especially rapid cutting presses. The subject of the invention is an actuating arrangement with two camshafts 10 joined to a carriage 39 by means of connecting rods 11. For full dynamic compensation, provision is made for mass-balancing weights (counterweights) 33, 34 articulated by other connecting rods and which are moved in an opposite direction from the carriage or tool 39. On the basis of this, the invention consists essentially in that, symmetrically with the camshafts 10, provision is made for at least the double arrangement of a first ball- and-socket (knuckle) joint arranged almost horizontally, 19 to 22, of a second ball-and-socket joint arranged almost vertically, 25 to 28, and of a third ball-and- socket joint arranged almost vertically, 42 to 45, joined by a part to the carriage 39 and by another part to the mass-balancing weights 33, 34. Figure 1.  
[origin: ES8301766A1] The invention relates to rapid mechanical presses, especially rapid cutting presses. The subject of the invention is an actuating arrangement with two camshafts 10 joined to a carriage 39 by means of connecting rods 11. For full dynamic compensation, provision is made for mass-balancing weights (counterweights) 33, 34 articulated by other connecting rods and which are moved in an opposite direction from the carriage or tool 39. On the basis of this, the invention consists essentially in that, symmetrically with the camshafts 10, provision is made for at least the double arrangement of a first ball- and-socket (knuckle) joint arranged almost horizontally, 19 to 22, of a second ball-and-socket joint arranged almost vertically, 25 to 28, and of a third ball-and- socket joint arranged almost vertically, 42 to 45, joined by a part to the carriage 39 and by another part to the mass-balancing weights 33, 34. Figure 1.

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