

Title (en)
HYDRAULIC PRESS MECHANISM

Publication
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Application
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Priority
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Abstract (en)
[origin: WO8102543A1] The mechanism permits to obtain successively a rapid feed stroke (C), and a working stroke with an important developed effort, for operations such as riveting or marking, the working stroke being started when the tool (16) comes into contact with the part to be pressed (25) A control rod (4) and a body (9) are movable along a same axis (3), means such as a valve (31) insuring the non permanent locking thereof. The rod (4) is integral with a primary piston (8) penetrating in a hydraulic circuit (10, 11) of the body (9); this circuit is, on the one hand, connected to an expansible sleeve (19) surrounding the body (9) and permitting the blocking of that body with respect to the frame (1), and on the other hand, to a chamber (12) wherein a secondary piston (15) is imparted with a sliding motion, biased by a spring (18) and integral with the tool (16).

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