

Title (en)

Method of operating a hydraulic pressing tool and hydraulic pressing tool

Title (de)

Verfahren zum Betreiben eines hydraulischen Verpressgerätes und hydraulisches Verpressgerät

Title (fr)

Méthode pour operer un outil de sertissage hydraulique et outil de sertissage hydraulique

Publication

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Application

EP 02027234 A 20021206

Priority

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Abstract (en)

[origin: US2003126905A1] The invention relates to a method of operating a hydraulic pressing unit, in particular manual pressing unit, and a pressing unit of this type, it being the case that the pressing unit has a hydraulic pump, a moving part, a stationary part and a non-return valve, that, furthermore, the moving part is displaced into a pressing position by the build-up of a hydraulic pressure and the non-return valve moves automatically into an open position only in the presence of a predetermined hydraulic pressure corresponding to a pressing pressure, and that, furthermore, the moving part is configured for moving back automatically from the pressing position into an end position under the action of a restoring spring and the non-return valve is configured only to close once the moving part has reached the end position. In order to allow the moving part to be stopped optionally in position, the invention proposes, as far as the method is concerned, that the non-return valve is subjected to the action of a closure force, which is necessary for achieving the optional stopping in position of the moving part [lacuna] as the moving part moves back, when a pre-selected return position or a predetermined return position of the moving part is reached. It is advantageous here if it is possible to stop the return of the moving part before it reaches the end position by a triggering device, acting on the non-return valve. The open position of the non-return valve may also be arrested until a predetermined return position of the moving part has been reached.

IPC 8 full level

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Citation (search report)

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- [A] GB 2057945 A 19810408 - NOWIKONTAKT AB
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