

Title (en)
MANUALLY ACTUATED PRESS WITH OVERLOAD PROTECTION AND METHOD OF PROTECTION OF A MANUALLY ACTUATED PRESS

Title (de)
HANDBETÄTIGTE PRESSE MIT ÜBERLASTSICHERUNG UND VERFAHREN ZUM SCHÜTZEN EINER HANDBETÄTIGTEN PRESSE

Title (fr)
PRESSE A MAIN COMPRENANT UNE SECURITE CONTRE LA SURCHARGE ET PROCÉDÉ DE PROTECTION D'UNE PRESSE A MAIN

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Application
EP 06754698 A 20060710

Priority
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Abstract (en)
[origin: US2008173191A1] A manually operated press comprises an actuation lever coupled to a shaft assembly. An actuation of the actuation lever is transformed into a stroke movement of a press ram coupled to the shaft assembly and, accordingly, into a change of a relative displacement position of the press ram. A clutch assembly is provided for interrupting a flow of force between the actuation lever and the press ram. The shaft is at least two-piece, namely configured with an input shaft and an output shaft. The clutch is adapted to separate the input shaft from the output shaft depending on the pressing force and/or the relative displacement position of the press ram. The shaft assembly comprises an input shaft and an output shaft. The input shaft extends as an inner shaft through the output shaft being configured as a hollow shaft. The clutch assembly has a first clutch designed as a stroke stop for immobilizing the input shaft with a housing of said press depending on pressing force and/or relative displacement position of the press ram, and a second clutch designed as an overload clutch for interrupting a flow of force between the input shaft and the output shaft.

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