

Title (en)

METHOD FOR THE OPERATION OF A MOTOR-DRIVEN HAND-HELD PRESSING APPARATUS

Title (de)

VERFAHREN ZUM BETREIBEN EINES MOTORISCH BETÄTIGTEN HANDVERPRESSGERÄTES

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL DE COMPRESSION À MAIN MOTORISÉ

Publication

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Application

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Abstract (en)

[origin: WO2008138987A2] The invention relates to a method for operating a motor-driven hand-held pressing apparatus. In said method, once a switch has been actuated, one or more pressing jaws is/are moved from a starting position into a closed pressing position until a predefined pressing force has been reached or a given amount of time has lapsed, whereupon the pressing jaw/s is/are automatically released, e.g. using the return travel of a plunger. The releasing action can be interrupted in an intermediate position, before reaching the starting position, so as to start a subsequent pressing process from such an intermediate position. In order to be able to reach the advantage of the intermediate position without having to intervene when similar processes are carried out, a measure of the travel and/or the time and/or the pressure determined during the pressing process and associated with the intermediate position is detected or stored in order to be able to automatically interrupt the releasing action in the respective intermediate position on the basis of said measure during subsequent pressing processes.

IPC 8 full level

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CN 101754836 A 20100623; CN 101754836 B 20140611; CN 102528743 A 20120704; CN 102528743 B 20141015; CN 103624740 A 20140312;
CN 103624740 B 20170301; DK 2146823 T3 20140505; EP 2146823 A2 20100127; EP 2146823 B1 20140212; EP 2722133 A2 20140423;
EP 2722133 A3 20140917; EP 2722133 B1 20180314; EP 3243604 A1 20171115; EP 3243604 B1 20191127; ES 2454245 T3 20140410;
ES 2665902 T3 20180430; KR 101467828 B1 20141203; KR 20100021465 A 20100224; PL 2146823 T3 20140530; PL 2722133 T3 20180731;
PT 2146823 E 20140327; RU 2009146552 A 20110627; RU 2483861 C2 20130610; US 10562254 B2 20200218; US 2010300308 A1 20101202;
US 2011247506 A1 20111013; US 2016023419 A1 20160128; US 8056473 B2 20111115; US 9180583 B2 20151110;
WO 2008138987 A2 20081120; WO 2008138987 A3 20090115

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DE 102008024018 A 20080516; AU 2008249954 A 20080516; CN 200880025014 A 20080516; CN 201210054222 A 20080516;
CN 201310537374 A 20080516; DK 08759675 T 20080516; EP 08759675 A 20080516; EP 14151750 A 20080516; EP 17177348 A 20080516;
EP 2008056033 W 20080516; ES 08759675 T 20080516; ES 14151750 T 20080516; KR 20097026268 A 20080516; PL 08759675 T 20080516;
PL 14151750 T 20080516; PT 08759675 T 20080516; RU 2009146552 A 20080516; US 201113166315 A 20110622;
US 201514874895 A 20151005; US 59993608 A 20080516