

Title (en)  
Safety method for pressing tools

Title (de)  
Schutzverfahren für Presswerkzeuge

Title (fr)  
Procédé de protection pour outils de pressage

Publication  
**EP 1724101 B1 20110216 (DE)**

Application  
**EP 05010731 A 20050518**

Priority  
EP 05010731 A 20050518

Abstract (en)  
[origin: EP1724101A1] Apparatus has a sensor (27) provided to detect a closure gap and/or a pressing slot. The sensor is connected with a pressing piston and a pressing cylinder (31) for pressing and/or clamping a work piece in such a manner that the cylinder and the piston are not activated or a pressing or clamping process is not executable or is blocked, when the dimension of the gap or the slot is equal or larger than a preset distance value. A tension spring (23) drives a pressing and/or clamping tool, while inserting the work piece in a closing direction with a force. An independent claim is also included for a method for operating a pressing and clamping tool and/or a machine.

IPC 8 full level  
**B30B 15/28** (2006.01); **B30B 1/16** (2006.01); **F16P 3/16** (2006.01); **H01R 43/048** (2006.01)

CPC (source: EP)  
**B30B 1/16** (2013.01); **B30B 15/285** (2013.01)

Citation (examination)  
• EP 0449664 A2 19911002 - RIGGS AUTOPACK LTD [GB]  
• DE 1577201 A1 19700409 - AMP INC

Cited by  
CN113161841A; EP3208044A1; EP2995424A1; DE202014011110U1; US9864948B2; EP3396796A1; US10958030B2; EP3834989A1; US12015233B2; EP4243222A1; EP3820001A1; EP4007087A1; US11346732B2

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DOCDB simple family (publication)  
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