

Title (en)  
Powder-actuated nail setting tool.

Title (de)  
Pulverkraftbetriebenes Bolzensetzgerät.

Title (fr)  
Outil de scellement actionné par la poudre.

Publication  
**EP 0235083 A2 19870902 (DE)**

Application  
**EP 87810082 A 19870211**

Priority  
DE 3606514 A 19860228

Abstract (en)  
[origin: US4741467A] An explosive powder charge operated fastening member driving tool has a muzzle part which can be locked within and released and removed from the tool housing by rotational movement and axial movement relative to the housing. When the tool is not ready to be fired, a contact pressure sensor projects from the front end of the muzzle part. By pressing the sensor opposite to the firing direction it compresses a firing mechanism spring and the tool is ready to be fired. Stop elements are provided on the muzzle part and stop surfaces are located on the tool housing. When the muzzle part is in the unlocked condition, the stop elements can abut the stop surfaces and block the displacement of the contact pressure sensor preventing it from compressing the firing spring mechanism so that the driving tool cannot be placed in the ready-to-fire condition.

Abstract (de)  
Das Setzgerät weist ein gegenüber dem Gehäuse (1) ohne Hilfswerkzeug verschieb- und drehbar verriegelbares Mündungsteil (9) auf. Ein in Ruhestellung des Gerätes das Mündungsteil (9) nach vorne überragender Anpressfühler (12) dient dem Spannen der Spannfeder eines Zündmechanismus' und ist nur bei verriegeltem Mündungsteil (9) in Zündbereitschaftsstellung verschiebbar. In unverriegelter Stellung des Mündungsteiles (9) unterbinden die gegenseitig in Anschlag tretenden Anschlagelemente (36a, 36b) und Bereiche (39a, 39b) das zum Erlangen der Zündbereitschaftsstellung des Anpressfühlers (12) erforderliche ausreichende Verschieben desselben nach rückwärts.

IPC 1-7  
**B25C 1/14**; **B25C 1/18**

IPC 8 full level  
**B25C 1/14** (2006.01); **B25C 1/18** (2006.01)

CPC (source: EP KR US)  
**B25C 1/14** (2013.01 - KR); **B25C 1/143** (2013.01 - EP US); **B25C 1/184** (2013.01 - EP US)

Cited by  
FR2829051A1; EP0673722A1; FR2608083A1; DE10142561B4

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0235083 A2 19870902**; **EP 0235083 A3 19891115**; **EP 0235083 B1 19920513**; AT E75984 T1 19920515; AU 586736 B2 19890720; AU 6929987 A 19870903; CA 1279951 C 19910212; CS 8701150 A2 19911015; CZ 278066 B6 19930811; DE 3606514 A1 19870903; DE 3778929 D1 19920617; DK 104887 A 19880828; DK 104887 D0 19870227; DK 166863 B1 19930726; ES 2031155 T3 19921201; FI 870686 A0 19870219; FI 870686 A 19870829; FI 88368 B 19930129; FI 88368 C 19930510; HU 196924 B 19890228; HU T42987 A 19870928; JP H0755456 B2 19950614; JP S62208880 A 19870914; KR 870007763 A 19870921; KR 940011354 B1 19941207; MX 168586 B 19930601; NO 163560 B 19900312; NO 163560 C 19900620; NO 870826 D0 19870227; NO 870826 L 19871030; US 4741467 A 19880503

DOCDB simple family (application)  
**EP 87810082 A 19870211**; AT 87810082 T 19870211; AU 6929987 A 19870226; CA 530729 A 19870226; CS 115087 A 19870220; DE 3606514 A 19860228; DE 3778929 T 19870211; DK 104887 A 19870227; ES 87810082 T 19870211; FI 870686 A 19870219; HU 82287 A 19870227; JP 4664787 A 19870228; KR 870001700 A 19870227; MX 542587 A 19870227; NO 870826 A 19870227; US 1948287 A 19870226