

Title (en)

Powder-actuated bolt driving tool

Title (de)

Pulverkraftbetriebenes Bolzensetzgerät

Title (fr)

Appareil de scellement de chevilles actionné par la poudre

Publication

EP 0805002 A3 19980114 (DE)

Application

EP 97107295 A 19970502

Priority

- DE 19617671 A 19960503
- US 9413898 A 19980609

Abstract (en)

[origin: US6123242A] The invention relates to a pyrotechnically operated bolt-setting tool having a barrel (11, 12) which is guided in a barrel-guiding sleeve (1) and can be brought into operative engagement with a locking part (18), the barrel-guiding bore (26) of which accommodates a piston (21), which has a piston shank (23) and a piston head (22), and which has a cartridge store (16) on that side which is remote from the mouth, in which bolt-setting tool the barrel (11, 12), on its side which faces the cartridge store (16), has ventilation slots (31) which are released by the piston head (22) as the bolt is being fired, before the piston (21) reaches its end position on the mouth side, in which position an air cushion is compressed between the piston head (22) and the barrel (11, 12), which air cushion subsequently presses the piston (21) back into its starting position.

IPC 1-7

B25C 1/14

IPC 8 full level

B25C 1/14 (2006.01)

CPC (source: EP US)

B25C 1/14 (2013.01 - EP US)

Citation (search report)

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- [A] US 3744240 A 19730710 - HENNING R, et al
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- [A] EP 0274957 A1 19880720 - PROSPECTION & INVENTIONS [FR]
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- [E] EP 0780195 A1 19970625 - HILTI AG [LI]

Designated contracting state (EPC)

AT CH DE ES FI FR GB IT LI SE

DOCDB simple family (publication)

US 6123242 A 20000926; AT E202737 T1 20010715; DE 19617671 C1 19971009; DE 59703935 D1 20010809; EP 0805002 A2 19971105;
EP 0805002 A3 19980114; EP 0805002 B1 20010704; ES 2171239 T3 20020901

DOCDB simple family (application)

US 9413898 A 19980609; AT 97107295 T 19970502; DE 19617671 A 19960503; DE 59703935 T 19970502; EP 97107295 A 19970502;
ES 97107295 T 19970502