

Title (en)

Powder-actuated fastening tool with magazine for fasteners.

Title (de)

Pulverkraftbetriebenes Setzgerät mit Magazin für Befestigungselemente.

Title (fr)

Outil de scellement actionné par poudre avec magasin pour éléments de fixation.

Publication

**EP 0522996 B1 19941214 (DE)**

Application

**EP 92810192 A 19920317**

Priority

DE 4122873 A 19910711

Abstract (en)

[origin: EP0522996A1] The powder-actuated fastening tool has an axially displaceable bolt guide (3) which is displaced in the opposite direction to the drive-in direction when the fastening tool is pressed against a component (10). In the process, the bolt guide (3) acts on a piston guide (2) which in turn tightens a firing bolt (9) via a tightening device (8). The firing bolt (9) serves to ignite propellant charges. At the side, the bolt guide (3) has a feed slot (3a) which is connected to a magazine (1a) arranged on the housing (1) of the fastening tool. Fasteners (11) which are arranged in the magazine (1a) and are connected to one another in a strap-like manner via guide bushes (12) are thereby fed to the bolt guide (3), the displacement of the bolt guide (3) resulting in only a single fastener (11) coming into the effective area of a driving piston (4) through the feed slot (3a) graduated in width. <IMAGE>

IPC 1-7

**B25C 1/00**

IPC 8 full level

**B25C 1/14** (2006.01); **B25C 1/00** (2006.01); **B25C 1/18** (2006.01)

CPC (source: EP KR US)

**B25C 1/14** (2013.01 - KR); **B25C 1/184** (2013.01 - EP US)

Cited by

DE10136509A1; EP0836914A1; CN106078620A; EP0743141A1; FR2713128A1; US5642848A; EP0862971A3

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI SE

DOCDB simple family (publication)

**EP 0522996 A1 19930113; EP 0522996 B1 19941214**; AT E115457 T1 19941215; AU 1819492 A 19930114; AU 651212 B2 19940714; CA 2073639 A1 19930112; CA 2073639 C 19980922; DE 4122873 A1 19930114; DE 59200954 D1 19950126; DK 0522996 T3 19950515; FI 105663 B 20000929; FI 923119 A0 19920707; FI 923119 A 19930112; JP H05192877 A 19930803; KR 100201176 B1 19990615; KR 930002041 A 19930222; US 5220123 A 19930615

DOCDB simple family (application)

**EP 92810192 A 19920317**; AT 92810192 T 19920317; AU 1819492 A 19920611; CA 2073639 A 19920710; DE 4122873 A 19910711; DE 59200954 T 19920317; DK 92810192 T 19920317; FI 923119 A 19920707; JP 16965392 A 19920626; KR 920012272 A 19920710; US 91046292 A 19920708