

Title (en)

Pneumatic fastener driving apparatus with an improved piston.

Title (de)

Pneumatisches Befestigungsmittelleitreibgerät mit verbesserten Kolben.

Title (fr)

Appareil de scellement pneumatique avec piston perfectionné.

Publication

**EP 0584395 A1 19940302 (EN)**

Application

**EP 92114761 A 19920828**

Priority

EP 92114761 A 19920828

Abstract (en)

A pneumatic operated fastener driving device having an improved piston (18,50), which together with the cylinder (24,60) form an elastic interference fit connection (18,37) so that the piston (18,50) is held from movement until a sufficient air pressure is applied to the piston (18,50). The piston (18,50) has little or no frictional resistance with the inner surface (45,59) of the cylinder (24,60) during the driving or return stroke. <IMAGE>

IPC 1-7

**B25C 1/04**

IPC 8 full level

**B25C 1/04** (2006.01)

CPC (source: EP)

**B25C 1/042** (2013.01)

Citation (search report)

- [YD] US 3397617 A 19680820 - ADOLF CAST, et al
- [Y] DE 2339162 B1 19740815
- [A] DE 2236352 A1 19740214 - BEHRENS FRIEDRICH JOH
- [A] GB 1095710 A 19671220 - HAUBOLD DIETER

Cited by

CN105275917A; EP0705664A1; EP0747175A3; US11130221B2; US11801591B2; US11931874B2

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