

Title (en)

Fastener driving tool

Title (de)

Eintreibgerät für Befestigungsmittel

Title (fr)

Outil d'enforcement des moyens de fixation

Publication

EP 0720892 B1 19980916 (DE)

Application

EP 95119521 A 19951212

Priority

DE 29500073 U 19950104

Abstract (en)

[origin: EP0720892A1] The staple gun has a pneumatic cylinder (3) which drives the staple insert strip (5) to punch a staple from a magazine feed (8) into the workpiece. The pneumatic piston is controlled by a valve whose valve element (34) is normally held in the inactive position. The underside of the piston is in constant contact with the pneumatic pressure while the upper surface is selectively connected to pneumatic pressure or to atmosphere. The air vented on the return stroke is ducted out between the top cover (24) and the housing via a ring shaped duct inside which is a ring shaped insert ring with a rotational control for the vented air. The outlet duct is ring shaped and the insert ring is clamped between the cover and the housing. The outlet is radial through the cover, which is a steel turned component.

IPC 1-7

B25C 1/04

IPC 8 full level

B25C 1/04 (2006.01); **B25C 7/00** (2006.01)

CPC (source: EP US)

B25C 1/042 (2013.01 - EP US)

Citation (examination)

DE 2601836 A1 19770721 - BEHRENS FRIEDRICH JOH

Cited by

US7988025B2; US7137540B2; US7278561B2; US7316341B2

Designated contracting state (EPC)

DE IT SE

DOCDB simple family (publication)

DE 29500073 U1 19950302; DE 59503608 D1 19981022; EP 0720892 A1 19960710; EP 0720892 B1 19980916; JP 3219990 B2 20011015; JP H08229843 A 19960910; TW 301622 B 19970401; US 5715986 A 19980210

DOCDB simple family (application)

DE 29500073 U 19950104; DE 59503608 T 19951212; EP 95119521 A 19951212; JP 35308595 A 19951229; TW 84113501 A 19951218; US 57670195 A 19951221