

Title (en)

Drive sealing on a pneumatic fastener driving tool

Title (de)

Treiberabdichtung an einem mit Druckluft betriebenen Gerät zum Eintreiben von Befestigungsmitteln

Title (fr)

Joint d'étanchéité pour le dispositif d'entraînement dans un outil pneumatique pour la mise en place de moyens de fixation

Publication

EP 0600206 B1 19970115 (DE)

Application

EP 93116927 A 19931020

Priority

DE 9216394 U 19921202

Abstract (en)

[origin: EP0600206A1] Drive sealing on a pneumatic fastener driving tool having a working cylinder (1), in which a working piston is movable between two dead centres and in which a flexible stop (5) defines the bottom dead centre, a driving-in ram (14) which is held by the working piston and passes through a passage (13) in the stop, a control valve which can be actuated by a trigger and connects a working stroke space for piston movement to the bottom dead centre with compressed air and for piston movement to the top dead centre with atmosphere, a piston return chamber (2) which surrounds the working cylinder and is connected with the working cylinder (1) via a first opening (4) close to the stop (5) and a second opening at a distance from the stop (5), and a mouth tool (15) with a driving-in channel (23) which guides the driving-in ram (14), with an opening (18) to a magazine (19) for fasteners (22), which opening leads into the movement region of the driving-in ram, and with a vent slot (25) which is open to the passage (13) in the stop and sealingly covers the driving-in ram (14) during the piston movement to the bottom dead centre, the stop (5) having, in the extension of the passage (13) for the driving-in ram (14), a receptacle (12) into which a connecting section (16), containing the driving-in channel (23), of the mouth tool (15) is sealingly inserted with elastic prestress. <IMAGE>

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