

Title (en)
A rivet gun for threaded rivets

Title (de)
Nietvorrichtung für Schraubnieten

Title (fr)
Pistolet de rivetage pour rivets filetés

Publication
EP 1402974 A3 20040609 (EN)

Application
EP 03425610 A 20030919

Priority
IT BO20020619 A 20020930

Abstract (en)
[origin: EP1402974A2] A rivet gun (1) for threaded rivets or inserts (2) comprises a grip handle (3), a hydraulic cylinder (20) supported by the handle (3), a unit (9) for holding and retaining an insert (2) connected to the hydraulic cylinder (20), a pneumatic cylinder (19) for activating the hydraulic cylinder (20) for traction of the threaded rivets or inserts (2), and a pneumatic motor (11) for driving the rotation of the holding and retaining unit (9), a first and second control valve (27, 28) respectively for the pneumatic cylinder (19) and the pneumatic motor (11). The gun (1) also comprises a control trigger (42), pivoting on a pin (40) and rotating according to an inward or traction and a return movement, during its traction movement successively activating the first and second valves (27, 28), by means of a rocker arm (46) and a lever (49) . <IMAGE>

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CPC (source: EP)
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Citation (search report)
• [YA] US 3555649 A 19710119 - RIGOT ROBERT M, et al
• [Y] EP 0787563 A1 19970806 - FAR SRL [IT]
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