

Title (en)
A rivet gun for threaded rivets

Title (de)
Nietvorrichtung für Schraubnieten

Title (fr)
Pistolet de rivetage pour rivets filetés

Publication
EP 1402974 A2 20040331 (EN)

Application
EP 03425610 A 20030919

Priority
IT BO20020619 A 20020930

Abstract (en)
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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Cited by
EP1882860A1; CN109476003A; US10112232B2; US8496419B2; US10022782B1; US8286324B2; US8707539B2; CN105263678A; EP3067157A1; ITUB20150545A1; WO2007090681A3

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