

Title (en)
Hydropneumatic riveting gun

Title (de)
Hydropneumatisches Nietwerkzeug

Title (fr)
Riveteuse hydropneumatique

Publication
EP 0787563 B1 20020417 (EN)

Application
EP 97830027 A 19970129

Priority
IT BO960045 A 19960131

Abstract (en)
[origin: EP0787563A1] A hydropneumatic riveting gun (1) comprises a handle (2) at the top of which there is a single-acting hydraulic cylinder (3) that acts on a rod (5) having a threaded end (5a) designed to hold a threaded rivet. A pneumatic cylinder (4) mounted under the handle (2) is envisaged to drive the hydraulic cylinder (3) upon operation of a trigger (7) located on the handle (2) whereby a source of fluid under pressure can be connected to a lower chamber (4b) of the pneumatic cylinder so as to drive the hydraulic cylinder (3). The pneumatic cylinder (4) is equipped with a pressure reducing valve (30) which regulates the delivery pressure to the said lower chamber (4b). <IMAGE>

IPC 1-7
B25B 27/00; B21J 15/06

IPC 8 full level
B21J 15/06 (2006.01); **B25B 27/00** (2006.01)

CPC (source: EP)
B21J 15/105 (2013.01); **B25B 27/0014** (2013.01)

Cited by
FR2785212A1; EP1402974A3; FR3107201A1; CN110038994A; EP1428626A1; CN100343024C; EP3165333A1; CN112588548A; US11654475B2; WO2021160868A1; US6907649B2; US10400798B2; WO2023208239A1

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