

Title (en)

EXPLOSIVE POWDER CHARGE OPERATED BOLT DRIVING TOOL

Publication

EP 0331168 B1 19911121 (DE)

Application

EP 89103662 A 19890302

Priority

DE 3806831 A 19880303

Abstract (en)

[origin: US4883211A] An explosive powder charge operated fastening element setting device includes a housing supporting a handle. A damping unit is arranged between the handle and the housing so that the handle is displaceable in the setting direction of the setting device against a force developed in the damping device. A fastening element guide is mounted in the housing for movement opposite to the setting direction against a spring force. The force of the damping unit is greater than the spring force. The damping unit includes a cylinder containing a first fluid medium acting on a piston pressing, outside the cylinder, against the housing with a second fluid medium within the cylinder pressurizing the first fluid medium.

IPC 1-7

B25C 1/10

IPC 8 full level

B25C 1/10 (2006.01); **B25C 1/14** (2006.01); **B25C 1/18** (2006.01)

CPC (source: EP US)

B25C 1/143 (2013.01 - EP US); **B25C 1/18** (2013.01 - EP US)

Cited by

EP0720893A1; FR2833879A1; DE10162633B4; EP0775554A1; US5884828A; AU710809B2; CN1055041C

Designated contracting state (EPC)

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