

Title (en)
Powder-actuated fastener driving tool

Title (de)
Pulverkraftbetriebenes Setzgerät

Title (fr)
Outil de scellement actionné par poudre

Publication
EP 1013381 B1 20030924 (DE)

Application
EP 99811162 A 19991215

Priority
DE 19860194 A 19981224

Abstract (en)
[origin: EP1013381A2] The powder force operated hammer has a drive-piston (6) positioned in a hole (2) in a guide cylinder (1) and a support (3) joined to the guide cylinder. The end of the support opposite the hammering direction has a cartridge holder (10). The end of the support pointing in the hammering direction has a first active surface (4) from which protrudes a cylindrical protuberance (11) whose end side forms a second active surface (5). The drive piston has a thrust surface (13) cooperating with the first active surface. A cylindrical recess (12) holding the cylindrical protuberance extends from the thrust surface. The second and first active surfaces are connected by means of a connecting duct (14).

IPC 1-7
B25C 1/14; **B25C 1/08**

IPC 8 full level
B25C 1/10 (2006.01); **B25C 1/08** (2006.01); **B25C 1/14** (2006.01)

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B25C 1/082 (2013.01 - EP US); **B25C 1/14** (2013.01 - EP US)

Designated contracting state (EPC)
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EP 99811162 A 19991215; AU 5950299 A 19991117; CA 2292060 A 19991209; DE 19860194 A 19981224; DE 59907110 T 19991215; JP 36435099 A 19991222; US 47001199 A 19991222