

Title (en)
Pneumatic knocker

Title (de)
Pneumatischer Klopfer

Title (fr)
Dispositif batteur pneumatique

Publication
EP 0849005 B1 19991006 (DE)

Application
EP 97121638 A 19971209

Priority
DE 19652707 A 19961218

Abstract (en)
[origin: EP0849005A1] The hammer has a housing containing a sliding impact piston (18) with a connecting channel (42) for a pressurised medium leading from a supply connection to a pressure biasing chamber (40). The connecting channel has a straight main section which, starting from the pressure biasing chamber, comprises an axial channel through the piston and an adjoining pipeline (34,64) in or through the spring chamber (28). A branch channel of a valve unit is formed by through openings (46) in the wall of this pipeline. The pipeline comprises a tube (34) connected on one side fixed to the housing end wall (6) on the spring chamber side and on the other side is projected into an axial bore (30) of the piston in which it slides sealed in same.

IPC 1-7
B06B 1/18

IPC 8 full level
B25D 9/08 (2006.01); **B06B 1/18** (2006.01)

CPC (source: EP US)
B06B 1/183 (2013.01 - EP US)

Designated contracting state (EPC)
BE CH DE ES FR GB LI NL SE

DOCDB simple family (publication)
EP 0849005 A1 19980624; EP 0849005 B1 19991006; DE 19652707 A1 19980625; DE 19652707 C2 20000720; DE 59700523 D1 19991111; ES 2138429 T3 20000101; JP 3331315 B2 20021007; JP H10230474 A 19980902; US 5893317 A 19990413

DOCDB simple family (application)
EP 97121638 A 19971209; DE 19652707 A 19961218; DE 59700523 T 19971209; ES 97121638 T 19971209; JP 36468597 A 19971218; US 99359097 A 19971218