

Title (en)

Hand-held vibration damping pneumatic hammer

Title (de)

Handgeführter, vibrationsgedämpfter Drucklufthammer

Title (fr)

Marteau pneumatique à main amortissant les vibrations

Publication

EP 1726408 B1 20160504 (DE)

Application

EP 06450075 A 20060517

Priority

AT 9072005 A 20050525

Abstract (en)

[origin: EP1726408A1] The air hammer has a cylindrical housing, also serving as the handle holding part (1) and accommodating the operating cylinder (2). When the cylinder (2) is axially moved inside the housing (1) a vibration compensating chamber (3) is formed which is transformed into a compression chamber when the cylinder (2) is moved towards the upper limit. A circular compression space (42) located between the outer surface of the cylinder (2) and the inner surface of the housing (1) is also created.

IPC 8 full level

B25D 17/04 (2006.01); **B25D 17/24** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP)

B25D 9/00 (2013.01); **B25D 17/046** (2013.01); **B25D 17/245** (2013.01); **B25F 5/006** (2013.01)

Cited by

CN114147510A; GB2458459A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1726408 A1 20061129; **EP 1726408 B1 20160504**; AT 501861 A1 20061215; AT 501861 B1 20090815; ES 2585229 T3 20161004; PL 1726408 T3 20161230; PT 1726408 T 20160812; SI 1726408 T1 20160930

DOCDB simple family (application)

EP 06450075 A 20060517; AT 9072005 A 20050525; ES 06450075 T 20060517; PL 06450075 T 20060517; PT 06450075 T 20060517; SI 200632083 A 20060517