

Title (en)

MACHINE-TOOL, IN PARTICULAR DRILLING AND/OR CHIPPING HAMMER

Title (de)

HANDWERKZEUGMASCHINE, INSBESONDERE BOHR- UND/ODER MEISSELHAMMER

Title (fr)

MACHINE-OUTIL, EN PARTICULIER MARTEAU PERFORATEUR ET/OU BURINEUR

Publication

**EP 1420921 B1 20090805 (DE)**

Application

**EP 02729784 A 20020314**

Priority

- DE 0200889 W 20020314
- DE 10140319 A 20010816

Abstract (en)

[origin: WO03018269A1] The invention relates to a machine-tool, in particular a drilling and/or chipping hammer. Said machine-tool comprises a percussion mechanism, with a drive bearing (12, 58), rotatably mounted on an intermediate shaft (10) and by means of which a piston (14) can be driven back and forth in the axial direction. According to the invention, said drive bearing (12) is supported on a radial bearing (16) in at least one axial direction on the intermediate shaft (10).

IPC 8 full level

**B25D 11/06** (2006.01); **B25D 11/10** (2006.01); **B23B 45/16** (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP US)

**B25D 11/062** (2013.01 - EP US); **B25D 2211/061** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE GB LI

DOCDB simple family (publication)

**WO 03018269 A1 20030306**; CN 1291819 C 20061227; CN 1520349 A 20040811; DE 10140319 A1 20030313; DE 50213744 D1 20090917; EP 1420921 A1 20040526; EP 1420921 B1 20090805; JP 2004538171 A 20041224; US 2004003931 A1 20040108

DOCDB simple family (application)

**DE 0200889 W 20020314**; CN 02811916 A 20020314; DE 10140319 A 20010816; DE 50213744 T 20020314; EP 02729784 A 20020314; JP 2003522767 A 20020314; US 39805403 A 20030401