

Title (en)

PERCUSSION DRILL AND/OR JACK HAMMER WITH HANDLE SPRING-BUFFERED AGAINST THE HAMMER HOUSING

Title (de)

AUFBRUCH- UND/ODER BOHRHAMMER MIT GEGEN DAS HAMMERGEHÄUSE ABGEFEDERTEM HANDGRIFF

Title (fr)

MARTEAU PIQUEUR/PERFORATEUR AVEC POIGNEE SUSPENDUE SUR RESSORT CONTRE LE CARTER DU MARTEAU

Publication

**EP 0949988 B1 20011107 (DE)**

Application

**EP 97953905 A 19971222**

Priority

- DE 29700003 U 19970102
- EP 9707237 W 19971222

Abstract (en)

[origin: WO9829220A1] The invention relates to a percussion drill and/or jack hammer comprising a handle (14) that is spring-buffered against the hammer housing (12) and characterized in that it has at least one straight guiding track (20, 22) running parallel to the longitudinal axis of the hammer. The handle (14) can be moved to a limited extent along said guiding track in relation to the hammer housing (12) and is spring-buffered in such a way that its movement against the guiding track is limited on all sides.

IPC 1-7

**B25F 5/00; B25D 17/04**

IPC 8 full level

**B25D 17/04** (2006.01); **B23B 45/16** (2006.01); **B25F 5/00** (2006.01); **F16F 15/04** (2006.01)

CPC (source: EP US)

**B25D 17/043** (2013.01 - EP US); **B25F 5/006** (2013.01 - EP US)

Citation (examination)

DE 3913971 A1 19891130 - HITACHI KOKI KK [JP]

Cited by

DE102004061521A1; DE10357758A1; US10040184B2; US10046451B2; US9993915B2; US10137562B2

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**DE 29700003 U1 19970227**; DE 59705308 D1 20011213; EP 0949988 A1 19991020; EP 0949988 B1 20011107; ES 2166107 T3 20020401; JP 2001508364 A 20010626; JP 4101301 B2 20080618; US 6148930 A 20001121; WO 9829220 A1 19980709

DOCDB simple family (application)

**DE 29700003 U 19970102**; DE 59705308 T 19971222; EP 9707237 W 19971222; EP 97953905 A 19971222; ES 97953905 T 19971222; JP 52959598 A 19971222; US 33194199 A 19990625