

Title (en)

HAND TOOL MACHINE COMPRISING A VIBRATION-DAMPENED HANDLE

Title (de)

HANDWERKZEUGMASCHINE MIT VIBRATIONSGEDÄMPFTEM HANDGRIFF

Title (fr)

MACHINE-OUTIL PORTATIVE PRESENTANT UNE POIGNEE AVEC UN SYSTEME D'AMORTISSEMENT DES VIBRATIONS

Publication

**EP 1404493 A1 20040407 (DE)**

Application

**EP 02714050 A 20020220**

Priority

- DE 0200622 W 20020220
- DE 10118037 A 20010411
- DE 10138123 A 20010803

Abstract (en)

[origin: WO02083369A1] The aim of the invention is to ensure a coupling between the handle (2) and the machine housing (1) of the hand tool machine which dampens the vibrations thereof as much as possible. The handle (2) is coupled to the machine housing (1) by at least two parallel levers (4, 5) which are essentially perpendicular to the longitudinal axis (3) of the hand tool machine. The levers (4, 5) are hingedly connected to both the machine housing (1) and the handle (2).

IPC 1-7

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

IPC 8 full level

**B25F 5/02** (2006.01); **B25D 17/04** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP US)

**B25D 17/043** (2013.01 - EP US); **B25F 5/006** (2013.01 - EP US); **B25D 2250/381** (2013.01 - EP US)

Citation (search report)

See references of WO 02083369A1

Designated contracting state (EPC)

CH DE GB LI

DOCDB simple family (publication)

**WO 02083369 A1 20021024**; CN 1273271 C 20060906; CN 1460049 A 20031203; DE 50209495 D1 20070329; EP 1404493 A1 20040407; EP 1404493 B1 20070214; JP 2004518553 A 20040624; JP 4157382 B2 20081001; US 2003132016 A1 20030717; US 7100706 B2 20060905

DOCDB simple family (application)

**DE 0200622 W 20020220**; CN 02801109 A 20020220; DE 50209495 T 20020220; EP 02714050 A 20020220; JP 2002581152 A 20020220; US 29737302 A 20021205