

Title (en)

Percussive electric tool with active damping vibration system

Title (de)

Schlagendes Elektrohandwerkzeuggerät mit aktiver Vibrationsdämpfung

Title (fr)

Outil électrique à percussion avec système actif antivibratoire

Publication

**EP 1270151 B1 20100414 (DE)**

Application

**EP 02405478 A 20020611**

Priority

DE 10130088 A 20010621

Abstract (en)

[origin: EP1270151A1] The electric percussion hand tool has at least one elastic spring (8A,8B) arranged between the handle (2) and the percussion assembly (3) to bridge an electromechanical actuator (5A,5B). The elastic spring is not damped and the guide bearing for the axially limited motion is implemented with low friction.

IPC 8 full level

**B25D 17/04** (2006.01); **B25D 17/24** (2006.01); **F16F 7/00** (2006.01); **F16F 15/02** (2006.01); **F16F 15/04** (2006.01)

CPC (source: EP US)

**B25D 17/043** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2250/221** (2013.01 - EP US)

Cited by

CN105936029A; GB2382856A; GB2382856B; EP2266762A4; US8695724B2; US8727660B2; WO2011072908A1; WO2009065681A3; DE102011101075A1; DE102011101075B4; JP2009248241A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1270151 A1 20030102**; **EP 1270151 B1 20100414**; CA 2386456 A1 20021221; CA 2386456 C 20090721; DE 10130088 A1 20030116; DE 10130088 C2 20031016; DE 50214353 D1 20100527; JP 2003039344 A 20030213; US 2003006051 A1 20030109

DOCDB simple family (application)

**EP 02405478 A 20020611**; CA 2386456 A 20020514; DE 10130088 A 20010621; DE 50214353 T 20020611; JP 2002181067 A 20020621; US 15432702 A 20020522