

Title (en)

Vibration dampened holder for additional hand grip

Title (de)

Vibrationsgedämpfter Halter für Zusatzhandgriff

Title (fr)

Support à vibrations amorties pour poignée supplémentaire

Publication

**EP 2123406 B1 20111221 (DE)**

Application

**EP 08009186 A 20080519**

Priority

EP 08009186 A 20080519

Abstract (en)

[origin: EP2123406A1] The damper (2) has a damping arrangement with a cylindrical elastic damping element for damping vibration and defining a cylinder damper axis. A spacer (12) is dimensioned, so that the damper is mountable to a power tool i.e. hammer drill, and a ratio of a distance between an axis of vibration and a handle (18) to another distance between the vibration axis and the arrangement is 2:1. The arrangement damps axial motion along the damper axis and a tilting motion relative to the damper axis. The arrangement has a half-cylinder barrow-shaped cladding part (6.1) limiting the element movement. An independent claim is also included for a power tool comprising a power tool body.

IPC 8 full level

**B25F 5/00** (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP US)

**B25F 5/006** (2013.01 - EP US); **B25F 5/026** (2013.01 - EP US)

Cited by

EP3127657A1; US9498876B2; WO2014118169A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 2123406 A1 20091125; EP 2123406 B1 20111221**; CN 101585184 A 20091125; CN 101585184 B 20130102; US 2009283283 A1 20091119; US 8256528 B2 20120904

DOCDB simple family (application)

**EP 08009186 A 20080519**; CN 200910203418 A 20090519; US 46789809 A 20090518