

Title (en)  
Hand tool with vibration damping

Title (de)  
Handwerkzeugmaschine mit Schwingungsdämpfung

Title (fr)  
Outil manuel avec amortissement de vibrations

Publication  
**EP 1550532 B1 20081008 (DE)**

Application  
**EP 04105721 A 20041112**

Priority  
DE 10361812 A 20031230

Abstract (en)  
[origin: EP1550532A1] Hand machine tool comprises a drive arrangement (14) with a drive unit (16, 18, 20, 22) decoupled by an oscillating device opposite a housing (12) in the axial, radial and peripheral directions. Preferred Features: The drive arrangement comprises a drive motor, gearing arrangement, coupling and/or tool drive along a longitudinal extension (52). The oscillating device has a first oscillating unit (32) for damping axial oscillations.

IPC 8 full level  
**B25F 5/00** (2006.01)

CPC (source: EP)  
**B25F 5/006** (2013.01)

Cited by  
CN105666393A; EP2281663A3; US8413743B2; WO2008006635A1; JP2011036924A; EP2841237B2

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**EP 1550532 A1 20050706; EP 1550532 B1 20081008**; CN 100457400 C 20090204; CN 1636681 A 20050713; DE 10361812 A1 20050728; DE 502004008196 D1 20081120

DOCDB simple family (application)  
**EP 04105721 A 20041112**; CN 200410104829 A 20041229; DE 10361812 A 20031230; DE 502004008196 T 20041112