

Title (en)

Hand tool with a spring suspension handle

Title (de)

Handwerkzeuggerät mit gefederter Griffaufhängung

Title (fr)

Outil à main ayant une poignée avec une suspension à ressort

Publication

EP 1800804 B1 20091014 (DE)

Application

EP 06126026 A 20061213

Priority

DE 102005000207 A 20051223

Abstract (en)

[origin: EP1800804A2] The tool has a drive assembly (8) located in a housing (10) for driving a tool spindle (4) that extends along an operational axis (A). Handle suspensions (22, 24) are arranged in the housing in such a way that the suspensions do not cause an additional constructional length. Elastomer rings are provided between pivot axes (S1, S2) and the suspensions, respectively. A damping body (32.1) limits a pivot motion of the suspension (22) and a pivot motion of the suspension (24) in both pivot directions. A handle assembly (12) comprises a handle (16) that projects from a side (14.1).

IPC 8 full level

B25D 17/04 (2006.01)

CPC (source: EP US)

B25D 17/043 (2013.01 - EP US); **B25G 1/01** (2013.01 - EP US)

Cited by

EP2058089A1; EP2018937A3; EP2172311A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 1800804 A2 20070627; EP 1800804 A3 20080910; EP 1800804 B1 20091014; CN 1986167 A 20070627; CN 1986167 B 20101208; DE 102005000207 A1 20070628; DE 502006005092 D1 20091126; JP 2007168068 A 20070705; US 2007144750 A1 20070628; US 8342260 B2 20130101

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EP 06126026 A 20061213; CN 200610168586 A 20061221; DE 102005000207 A 20051223; DE 502006005092 T 20061213; JP 2006344291 A 20061221; US 63960506 A 20061215