

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 A3 20080910 (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)

Citation (search report)

- [XA] EP 0033304 A1 19810805 - ATLAS COPCO AB [SE]
- [A] WO 9702113 A1 19970123 - BEREMA ATLAS COPCO AB [SE], et al
- [A] JP H06155331 A 19940603 - ATLAS KOPUKO BUREMA AB
- [AD] US 4576241 A 19860318 - EMONET HENRI [FR]

Cited by

EP2018937A3; EP2172311A1; EP2058089A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

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

DOCDB simple family (application)

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