

Title (en)
Vibration damped handle

Title (de)
Vibrationsgedämpfter Handgriff

Title (fr)
Poignée munie de moyens pour amortir les vibrations

Publication
EP 1533084 A1 20050525 (DE)

Application
EP 04024899 A 20041020

Priority
DE 10355103 A 20031124

Abstract (en)
The c-shaped handle (2) can be swiveled around an axle located at the lower segment (2a) in order to insert a vibration absorbing rubber element (11) assembled of a front and a rear segment (11a, 11b) which can be of different levels of rigidity. A flat metal part (6) with hook shaped ends (8, 9) is accommodated inside the rubber elements (11a, 11b) and is stationary joined to the housing (1) of the tool. The hooks (8, 9) engage with matching spaces located at the upper handle segment (2b) when the handle (2) is swiveled into a position ready for use.

Abstract (de)
Schlagendes handgeführtes Elektrowerkzeug, insbesondere pneumatischer Bohrhämmer, mit vibrationsgedämpfem Handgriff (2), wobei die Schenkel (2a,2b) eines im Wesentlichen C-förmigen Handgriffs (2) unter Zwischenordnung von Federelementen am Werkzeuggehäuse befestigt sind, wobei der am einen, vorzugsweise dem unteren, Ende drehbar am Werkzeug-Gehäuse (1) gelagerte Handgriff (2), am anderen Ende verrastend unter Zwischenordnung eines Dämpfungspuffers (11) aus Gummi oder Zellschaumstoff an das Werkzeug-Gehäuse (1) angesteckt ist.
<IMAGE>

IPC 1-7
B25D 17/04; **B25F 5/00**

IPC 8 full level
B25F 5/02 (2006.01); **B25D 17/04** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP KR)
B25D 17/043 (2013.01 - EP); **B25F 5/006** (2013.01 - EP); **B25F 5/02** (2013.01 - KR)

Citation (search report)
• [A] US 4749049 A 19880607 - GREPPMAIR MARTIN [DE]
• [DA] US 2003132016 A1 20030717 - MEIXNER GERHARD [DE], et al

Cited by
WO2010130519A1; WO2009003739A1; EP2119537A1; CN104153554A; CN102421569A; EP1752260A1; EP4400263A1; EP2243601A1; GB2419564A; GB2419564B; CN115279074A; GB2423276A; GB2423276B; US10137562B2; US9993915B2; WO2008034668A1; WO2008000543A1; WO2009074443A1; US8069930B2; US9168652B2; US12021437B2; US7673703B2; DE202012006747U1; WO2014028150A1; US7837434B2; US8833486B2; US10046451B2; WO2024149531A1; WO2007101736A1; US8091651B2; US10040184B2

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