

Title (en)
Percussion electrohandtool apparatus

Title (de)
Schlagendes Elektrohandwerkzeuggerät

Title (fr)
Outil à main électrique à percussion

Publication
EP 1172180 A3 20031029 (DE)

Application
EP 01810652 A 20010704

Priority
DE 10034359 A 20000714

Abstract (en)
[origin: EP1172180A2] The electric handtool (8) has a handgrip (11) and a housing (10) containing a planetary drive (5) for converting a rotary movement of a drive shaft (1) into an oscillation movement, with adjustment of the oscillation amplitude of an impact hammer (2) via a sun wheel (6) of the planetary drive. The control of the oscillation amplitude is provided in dependence on the manual axial force applied to the handgrip, e.g. via a microprocessor control.

IPC 1-7
B25D 11/12

IPC 8 full level
B25D 11/12 (2006.01)

CPC (source: EP US)
B25D 11/12 (2013.01 - EP US); **B25D 2250/021** (2013.01 - EP US); **B25D 2250/221** (2013.01 - EP US)

Citation (search report)
• [A] EP 0063725 A2 19821103 - HILTI AG [LI]
• [A] US 6044918 A 20000404 - NOSER OTTO [LI], et al

Cited by
DE102011080374A1; DE102004019865A1; CN104708600A; DE102017209830A1; US2013277077A1; CN105459029A; DE102008035298A1; US10183390B2; WO2011026683A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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