

Title (en)

Electric handtool with switching-off during idling

Title (de)

Elektrohandwerkzeuggerät mit Leerschlagsabschaltung

Title (fr)

Outil à main électrique avec interruption de marche en vide

Publication

EP 1170095 B1 20050209 (DE)

Application

EP 01810614 A 20010625

Priority

DE 10033362 A 20000708

Abstract (en)

[origin: EP1170095A2] An electric hand tool appliance (1) creates at least partial impact motion for a tool (11) with a pneumatic striking action (2) and for non-impact cut-off or switch-off detected as a non-impact position (9) by a sensor (14) and checked with a control device (15) allocated to it. If there is no impact through the control device, the RPM of an exciter driving mechanism (3) drop to a previously set RPM level.

IPC 1-7

B25D 16/00; **B25D 9/26**; **B25D 11/00**

IPC 8 full level

B25D 17/10 (2006.01); **B23B 45/16** (2006.01); **B25D 9/26** (2006.01); **B25D 11/00** (2006.01); **B25D 11/12** (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP US)

B25D 16/00 (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2211/068** (2013.01 - EP US); **B25D 2250/131** (2013.01 - EP US); **B25D 2250/221** (2013.01 - EP US)

Cited by

CN104406637A; WO2013139425A1; EP1832394A1; EP2213420A1; CN104334318A; US7513317B2; EP3009236A1; US8333251B2; DE102012005803A1

Designated contracting state (EPC)

CH DE FR GB LI NL SE

DOCDB simple family (publication)

EP 1170095 A2 20020109; **EP 1170095 A3 20031029**; **EP 1170095 B1 20050209**; AU 5193901 A 20020110; CN 1217770 C 20050907; CN 1332062 A 20020123; DE 10033362 A1 20020117; DE 50105284 D1 20050317; JP 2002059376 A 20020226; JP 5086505 B2 20121128; US 2002003045 A1 20020110; US 6484814 B2 20021126; ZA 200105554 B 20020117

DOCDB simple family (application)

EP 01810614 A 20010625; AU 5193901 A 20010615; CN 01121855 A 20010629; DE 10033362 A 20000708; DE 50105284 T 20010625; JP 2001204568 A 20010705; US 90054201 A 20010706; ZA 200105554 A 20010705