

Title (en)

Handheld working tool, especially press tool

Title (de)

Handhabbares Arbeitsgerät, insbesondere Pressgerät

Title (fr)

Outil de travail à main, plus spécialement outil de pressage

Publication

EP 1077115 A3 20030115 (DE)

Application

EP 00113619 A 20000628

Priority

DE 19938968 A 19990817

Abstract (en)

[origin: EP1077115A2] The tool has a controller with an interval element (47) with at least one stored interval and a load element (31) via which a battery (34) is subjected to a load cycle that produces a voltage characteristic with varying battery voltage, whereby the interval element is activated at least once after switching on the load element and compares the voltage within the interval.

IPC 1-7

B25B 27/10; **B21D 39/04**; **B25F 5/02**; **H01M 2/10**; **G01R 31/36**

IPC 8 full level

B21D 39/04 (2006.01); **B25B 27/10** (2006.01); **B25F 5/02** (2006.01); **G01R 31/36** (2006.01); **H01M 2/10** (2006.01); **H01R 43/042** (2006.01)

CPC (source: EP US)

B21D 39/046 (2013.01 - EP US); **B25B 27/10** (2013.01 - EP US); **H01R 43/0428** (2013.01 - EP US); **Y10S 388/921** (2013.01 - EP US)

Citation (search report)

- [DA] EP 0676835 A2 19951011 - FRAMATOME CONNECTORS INT [FR]
- [A] EP 0743736 A1 19961120 - BOSCH GMBH ROBERT [DE]
- [A] WO 9854588 A1 19981203 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [A] EP 0433573 A2 19910626 - SCHEIDT & BACHMANN GMBH [DE]
- [A] US 4080560 A 19780321 - ABERT MICHAEL
- [A] US 5936383 A 19990810 - NG PATRICK KWOK-YEUNG [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1077115 A2 20010221; **EP 1077115 A3 20030115**; **EP 1077115 B1 20050427**; CA 2316035 A1 20010217; DE 19938968 A1 20010301; DE 50010146 D1 20050602; US 6369560 B1 20020409

DOCDB simple family (application)

EP 00113619 A 20000628; CA 2316035 A 20000816; DE 19938968 A 19990817; DE 50010146 T 20000628; US 64097700 A 20000817