

Title (en)
ELECTRIC POWER TOOL

Title (de)
ELEKTRISCH BETRIEBENES WERKZEUG

Title (fr)
OUTIL ÉLECTRIQUE

Publication
EP 3138662 A1 20170308 (EN)

Application
EP 16180371 A 20160720

Priority
JP 2015154072 A 20150804

Abstract (en)
An electric power tool (10) includes a manually-operated member (14) and a circuit board (15). A first subset of electrodes (P1a-PZa) is arranged in a first region of the circuit board (15) corresponding to a first operation direction (ND) of the manually-operated member (14). A second subset of electrodes (P1b-PZb) is arranged in a second region of the circuit board (15) corresponding to the second operation direction (OD) of the manually-operated member (14). The electrodes of the first and second subsets are electrically connected in common to a variable resistor unit (16).

IPC 8 full level
B25F 5/00 (2006.01); **H01H 21/24** (2006.01)

CPC (source: CN EP)
B25F 5/00 (2013.01 - CN EP); **H01H 9/061** (2013.01 - EP)

Citation (applicant)
JP 2010155295 A 20100715 - OMRON TATEISI ELECTRONICS CO

Citation (search report)

- [X] EP 2688080 A2 20140122 - BLACK & DECKER INC [US]
- [X] EP 2641550 A2 20130925 - ETHICON ENDO SURGERY INC [US]
- [X] WO 9200594 A1 19920109 - MARQUARDT GMBH [DE]
- [AD] EP 2202771 A1 20100630 - OMRON TATEISI ELECTRONICS CO [JP]
- [A] DE 102005042873 A1 20070322 - EBE ELEKTRO BAU ELEMENTE GMBH [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3138662 A1 20170308; **EP 3138662 B1 20181219**; CN 106426008 A 20170222; CN 106426008 B 20200501; JP 2017030111 A 20170209; JP 6617911 B2 20191211

DOCDB simple family (application)
EP 16180371 A 20160720; CN 201610580206 A 20160721; JP 2015154072 A 20150804