

Title (en)

Electronic switching module for a power tool

Title (de)

Elektronisches Schaltmodul für ein Elektrowerkzeug

Title (fr)

Module de commutation électronique destiné à un outil électrique

Publication

EP 2688080 A3 20140507 (EN)

Application

EP 12168747 A 20120716

Priority

EP 12168747 A 20120716

Abstract (en)

[origin: EP2688080A2] An electronic power apparatus is provided, including a circuit board having a conductive pads and a sense pad coupled to an output signal, and an actuator having a wiper portion accommodating a conductive wiper. The wiper includes a first end arranged to engage the sense pad and a second end arranged to slidably engage at least one of the conductive pads on the circuit board. The conductive pads are arranged in a first row of conductive pads and a second row of conductive pads in parallel with and at a distance to the first row of conductive pads. An alignment of the second row of conductive pads is offset with respect to the first row of conductive pads.

IPC 8 full level

B25F 5/00 (2006.01); **H01C 10/08** (2006.01); **H01C 10/30** (2006.01); **H01C 10/46** (2006.01); **H01H 13/00** (2006.01)

CPC (source: EP)

B25F 5/00 (2013.01); **H01C 10/34** (2013.01); **H01C 10/46** (2013.01); **H01H 9/063** (2013.01); **H01R 12/718** (2013.01); **H01R 12/52** (2013.01)

Citation (search report)

- [Y] DE 102005042873 A1 20070322 - EBE ELEKTRO BAU ELEMENTE GMBH [DE]
- [Y] DE 4335715 A1 19950302 - DUERRWAECHTER E DR DODUCO [DE]
- [A] DE 4410312 A1 19950928 - BOSCH GMBH ROBERT [DE]
- [A] WO 9200594 A1 19920109 - MARQUARDT GMBH [DE]

Cited by

CN108430710A; EP2996128A1; CN111133662A; EP3138662A1; JP2017030111A; CN106426008A; US9761385B2; US11842860B2; EP4057313A1; US2022266439A1; EP3820273A4; WO2015127726A1; US11557989B2; US11897113B2; WO2015188960A1

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 2688080 A2 20140122; EP 2688080 A3 20140507; EP 2688080 B1 20190529

DOCDB simple family (application)

EP 12168747 A 20120716