

Title (en)

Actuation device for an electric hand tool with reversing switch

Title (de)

Betätigungsvorrichtung für ein Elektrohandwerkzeug mit Drehrichtungsumschalter

Title (fr)

Dispositif d'actionnement pour un outil manuel électrique doté d'un interrupteur d'inversion du sens de rotation

Publication

EP 2110830 A3 20130703 (DE)

Application

EP 09155299 A 20090317

Priority

DE 102008001154 A 20080414

Abstract (en)

[origin: EP2110830A2] The device has a switching element (4) i.e. potentiometer, connected with a control element (2) designed as a compensator. The switching element is adjustable symmetrically around a middle position so that the switching element delivers an output signal (5). The switching element co-acts with an evaluation electronic circuit (6) arranged in a hand tool such that a drive motor is controlled regarding rotary speed in dependent of rotary speed information (8) determined from the signal and regarding a rotary direction in dependent of rotary direction information (7) determined from the signal.

IPC 8 full level

H01H 9/06 (2006.01); **B25F 5/02** (2006.01); **H01H 23/30** (2006.01)

CPC (source: EP)

B25F 5/00 (2013.01); **H01H 9/061** (2013.01); **H01H 9/063** (2013.01); **H01H 23/30** (2013.01)

Citation (search report)

- [XYI] DE 10334884 A1 20050310 - MUEHLHAEUSER ALEXANDER [DE], et al
- [XYI] US 4459522 A 19840710 - HUBER SIEGFRIED [DE]
- [YA] EP 1592033 A1 20051102 - BOSCH GMBH ROBERT [DE]
- [AD] DE 10001459 A1 20010726 - METS OWERKE GMBH & CO [DE]

Cited by

US11890741B2; US12115644B2

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2110830 A2 20091021; **EP 2110830 A3 20130703**; CN 101559589 A 20091021; CN 101559589 B 20141029; DE 102008001154 A1 20091015; DE 102008001154 B4 20220127

DOCDB simple family (application)

EP 09155299 A 20090317; CN 200910134134 A 20090413; DE 102008001154 A 20080414