

Title (en)

Safety activation device for an electric tool

Title (de)

Sicherheitssteuereinrichtung für ein Elektrowerkzeug

Title (fr)

Dispositif de sécurité pour l'activation d'un outil électroportatif

Publication

**EP 1563962 B1 20080528 (DE)**

Application

**EP 04028511 A 20041202**

Priority

DE 10360165 A 20031220

Abstract (en)

[origin: US2005136814A1] The invention discloses a power tool having a motor adapted to drive a tool, comprising at least one switching element, coupled with a controller, for actuation of the motor, the controller being configured so that the motor can be switched on for driving the tool only when the at least one switching element is activated several times in a predetermined way, or when at least two switching elements are activated simultaneously or in a predetermined way in succession, there being provided at least three operating modes, namely an inoperative mode, in which the motor is out of operation, a working mode in which the motor is driven for driving the tool, and an intermediate mode, in which the user is signaled that further activation of a switching element is needed for transferring the motor to its working mode.

IPC 8 full level

**B25F 5/02** (2006.01); **B25F 5/00** (2006.01); **F16P 3/20** (2006.01)

CPC (source: EP US)

**B25F 5/00** (2013.01 - EP US)

Cited by

WO2016091715A1; DE102010030119A1; EP3007197A1; EP3316270A1; DE102007043035A1; DE102015214368A1; US11189437B2; WO2016055500A1; WO2018077929A1; US11872683B2; US11931879B2; DE102015214388A1; US10994402B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2005136814 A1 20050623**; **US 7658237 B2 20100209**; AT E396840 T1 20080615; CN 100549875 C 20091014; CN 1629755 A 20050622; DE 10360165 A1 20050929; DE 502004007274 D1 20080710; EP 1563962 A1 20050817; EP 1563962 B1 20080528; ES 2306953 T3 20081116; PL 1563962 T3 20081031

DOCDB simple family (application)

**US 1678604 A 20041220**; AT 04028511 T 20041202; CN 200410082165 A 20041217; DE 10360165 A 20031220; DE 502004007274 T 20041202; EP 04028511 A 20041202; ES 04028511 T 20041202; PL 04028511 T 20041202