

Title (en)
POWER TOOLS

Title (de)
ELEKTROWERKZEUGE

Title (fr)
OUTILS ÉLECTRIQUES

Publication
EP 2536536 A1 20121226 (EN)

Application
EP 10706148 A 20100217

Priority
EP 2010000973 W 20100217

Abstract (en)
[origin: WO2011100988A1] A typically battery-operated power tool, such as a chainsaw or hedge trimmer, comprising a working element (4), a motor (6) arranged to drive the working element (4) and a controller (9) arranged, to control the speed at which the motor drives the working element (4), in which there is provided a sensor (12) for at least one factor indicative of the efficiency with which the power tool is being operated, the controller (9) being arranged to vary the speed at which the motor (6) drives the working element (4) should the factor indicate that the power tool is being operated in a sub-optimal manner. Typically, the factor is the pressure which the user is applying the power tool, and the sensor (12) is a sensor for the current flowing through the motor (6).

IPC 8 full level
B25F 5/00 (2006.01)

CPC (source: EP US)
B25F 5/00 (2013.01 - EP US)

Citation (search report)
See references of WO 2011100988A1

Citation (examination)

- US 3400768 A 19680910 - KUIPERS JOHN J, et al
- US 3633081 A 19720104 - WEBER KARL HEINZ, et al
- US 2007144752 A1 20070628 - POZGAY DAVID [US], et al
- US 2007079980 A1 20070412 - KONONENKO GEORGE [US], et al
- US 2009205848 A1 20090820 - WILSON JR DAVID [US], et al

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 SM TR

DOCDB simple family (publication)
WO 2011100988 A1 20110825; CN 102770247 A 20121107; EP 2536536 A1 20121226; JP 2013519535 A 20130530; JP 5571805 B2 20140813; US 2013020102 A1 20130124

DOCDB simple family (application)
EP 2010000973 W 20100217; CN 201080062852 A 20100217; EP 10706148 A 20100217; JP 2012553185 A 20100217; US 201013579713 A 20100217