

Title (en)
HAND-HELD POWER TOOL

Title (de)
HANDGEHALTENE WERKZEUGMASCHINE

Title (fr)
MACHINE-OUTIL PORTATIVE

Publication
EP 2288465 A1 20110302 (DE)

Application
EP 09745604 A 20090316

Priority
• EP 2009053046 W 20090316
• DE 102008001757 A 20080514

Abstract (en)
[origin: WO2009138271A1] The invention relates to a power tool (1), especially in the form of a hand-held jigsaw (2). In order to allow for a semi-autonomous operation which assists the user to guide the tool, the tool is provided with a sensor system (27) for observing a detection surface (31, 43) within which the desired working direction is detected as a path default (23) for the saw blade (8) serving as the tool (7) with respect to its alignment relative to the jigsaw (2), the detected path default being intended for downstream control means (26). Said control means align the saw blade (8) relative to the path default (23) by rotating it about its longitudinal axis (25) so that the user guiding the saw blade (2) only has to make sure that the path default (23) extends inside the detection surface (31, 43).

IPC 8 full level
B23D 59/00 (2006.01); **B23Q 17/24** (2006.01)

CPC (source: EP US)
B23D 51/10 (2013.01 - US); **B23D 51/16** (2013.01 - US); **B23D 59/002** (2013.01 - EP US)

Citation (search report)
See references of WO 2009138271A1

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)
DE 102008001757 A1 20091119; CN 102026762 A 20110420; CN 102026762 B 20141015; EP 2288465 A1 20110302; RU 2010150848 A 20120620; US 2011067248 A1 20110324; US 9073134 B2 20150707; WO 2009138271 A1 20091119

DOCDB simple family (application)
DE 102008001757 A 20080514; CN 200980117072 A 20090316; EP 09745604 A 20090316; EP 2009053046 W 20090316; RU 2010150848 A 20090316; US 99213009 A 20090316