

Title (en)
OSCILLATORY HAND-HELD POWER TOOL

Title (de)
OSZILLIERENDES HANDGEHALTENES ELEKTROWERKZEUG

Title (fr)
OUTIL ÉLECTRIQUE PORTABLE OSCILLATOIRE

Publication
EP 4066995 A1 20221005 (EN)

Application
EP 21211764 A 20211201

Priority
HK 32021028458 A 20210330

Abstract (en)
A swing arm fixed to the spindle engages a drive eccentric to rotationally oscillate the spindle and tool attachment about the spindle axis. A compact tool is provided by arranging the spindle and motor side-by-side and the spindle and drive shaft parallel to one another avoiding the need for a motor inside a handle portion and allowing an ergonomically advantageous smaller cross section in the handle portion.

IPC 8 full level
B24B 23/04 (2006.01); **B27B 19/00** (2006.01)

CPC (source: EP)
B24B 23/04 (2013.01); **B24B 47/12** (2013.01); **B27B 19/006** (2013.01)

Citation (search report)
• [XY] EP 3050677 A1 20160803 - MAKITA CORP [JP]
• [XY] US 2019168371 A1 20190606 - AOKI YONOSUKE [JP]
• [XY] DE 102007018466 A1 20081023 - BOSCH GMBH ROBERT [DE]
• [YA] DE 102012007924 A1 20131017 - FEIN C & E GMBH [DE]
• [A] US 2014327215 A1 20141106 - THORSON TROY C [US], et al

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

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DOCDB simple family (application)
EP 21211764 A 20211201; CN 202122984565 U 20211130