

Title (en)
HAND-HELD POWER TOOL DEVICE

Title (de)
HANDWERKZEUGMASCHINENVORRICHTUNG

Title (fr)
DISPOSITIF DE MACHINE-OUTIL PORTATIVE

Publication
EP 3481596 A2 20190515 (DE)

Application
EP 17748406 A 20170711

Priority
• DE 102016212570 A 20160711
• DE 102017211773 A 20170710
• EP 2017067399 W 20170711

Abstract (en)
[origin: WO2018011204A2] The invention relates to a hand-held power tool device having: a drive unit (12a; 12b; 12c) that has a drive shaft (14a; 14b; 14c); at least one rotary impact mechanism (16a; 16b; 16c); and at least one cooling air unit (36a; 36b; 36c) which has at least one fan wheel (38a; 38b; 38c) situated between the drive unit (12a; 12b; 12c) and the rotary impact mechanism (16a; 16b; 16c). According to the invention, the fan wheel (38a; 38b; 38c) and the rotary impact mechanism (16a; 16b; 16c) at least partially overlap in an axial direction (40a; 40b; 40c).

IPC 8 full level
B25F 5/00 (2006.01); **B25B 21/02** (2006.01)

CPC (source: EP)
B25B 21/02 (2013.01); **B25F 5/008** (2013.01)

Citation (search report)
See references of WO 2018011204A2

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

DOCDB simple family (publication)
DE 102017211773 A1 20180111; CN 109476007 A 20190315; CN 109476007 B 20221028; EP 3481596 A2 20190515; EP 3481596 B1 20230705; WO 2018011204 A2 20180118; WO 2018011204 A3 20180308

DOCDB simple family (application)
DE 102017211773 A 20170710; CN 201780043225 A 20170711; EP 17748406 A 20170711; EP 2017067399 W 20170711