

Title (en)

ATTACHMENT AND PORTABLE POWER TOOL HAVING AN ATTACHMENT

Title (de)

VORSATZGERÄT UND HAND-WERKZEUGMASCHINE MIT VORSATZGERÄT

Title (fr)

APPAREIL ACCESSOIRE ET MACHINE-OUTIL PORTATIVE DOTÉE D'UN APPAREIL ACCESSOIRE

Publication

**EP 3965996 A1 20220316 (DE)**

Application

**EP 20726018 A 20200508**

Priority

- DE 102019112260 A 20190510
- DE 102019113212 A 20190520
- EP 2020062927 W 20200508

Abstract (en)

[origin: WO2020229363A1] The invention relates to an attachment for a portable power tool (200), in particular a screwdriver machine or drilling machine, wherein the attachment (10; 110; 310) has a drive part (14) with a drive element (11) and an output part (15) with an output element (21) for driving a work tool (9), wherein the drive element (11) is able to be coupled to a machine output element (221) of the portable power tool (200) in order to drive the attachment (10; 110; 310) and is connected or coupled to the output element (21) via a transmission (60) for driving the output element (21), and wherein the drive part (14) has, on a drive side, a fastening device (30, 130, 330) for releasably fastening the attachment (10; 110; 310) to the portable power tool (200) for conjoint rotation with respect to an angular positioning axis (W). Provision is made for the output part (15) to be rotatable about the angular positioning axis (W) relative to the drive part (14) into at least two mutually different angular positions (W1, W2) and for each angular position (W1, W2) to be fixable by way of an angle fixing device (70, 170, 370) that has a drive angle fixing body (71, 171, 371) and an output angle fixing body (72, 172, 372), wherein at least one of the angle fixing bodies (72, 172, 372) is adjustable along an adjustment path (VB1, VB2, VB3) relative to the other angle fixing body (71, 171, 371) by an actuating element (91, 191, 391) of an actuating device (90, 190, 390) of the attachment (10; 110; 310) between an angle fixing position (V), in which the angle fixing bodies (71, 72; 171, 172; 371, 372) fix the output part (15) with respect to the drive part (14) for conjoint rotation, and an angle adjustment position (E), in which the angle fixing bodies (71, 72; 171, 172; 371, 372) release the output part (15) for rotation about the angular positioning axis (W) with respect to the drive part (14).

IPC 8 full level

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

CPC (source: CN EP US)

**B25B 21/007** (2013.01 - EP US); **B25B 23/0028** (2013.01 - EP US); **B25F 3/00** (2013.01 - CN EP US); **B25F 5/001** (2013.01 - CN);  
**B25F 5/02** (2013.01 - CN)

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 102019113212 A1 20201112**; CN 113905851 A 20220107; EP 3965996 A1 20220316; JP 2022532701 A 20220719;  
JP 7467501 B2 20240415; US 12005559 B2 20240611; US 2022193875 A1 20220623; WO 2020229363 A1 20201119

DOCDB simple family (application)

**DE 102019113212 A 20190520**; CN 202080034649 A 20200508; EP 2020062927 W 20200508; EP 20726018 A 20200508;  
JP 2021565108 A 20200508; US 202017610017 A 20200508