

Title (en)
METHOD FOR OPERATING A HYDRAULICALLY OPERATED HANDHELD DEVICE, AND HYDRAULICALLY OPERATED HANDHELD DEVICE

Title (de)
VERFAHREN ZUM BETREIBEN EINES HYDRAULISCH BETRIEBENEN HANDGERÄTES SOWIE HYDRAULISCH BETRIEBENES HANDGERÄT

Title (fr)
PROCÉDÉ SERVANT À FAIRE FONCTIONNER UN APPAREIL PORTATIF À FONCTIONNEMENT HYDRAULIQUE, AINSI QU'APPAREIL PORTATIF À FONCTIONNEMENT HYDRAULIQUE

Publication
EP 3478452 B1 20200729 (DE)

Application
EP 17730729 A 20170608

Priority
• DE 102016111874 A 20160629
• EP 2017063895 W 20170608

Abstract (en)
[origin: WO2018001691A1] The invention relates to a method for operating a hydraulically operated handheld device (1), for example a pressing device and/or a hole-punching or punching device. In order to specify a method for operating a hydraulically operated handheld device which, with a simple structure of the device, allows workpieces that differ in particular in terms of size and/or material to be machined and simplifies handling, it is proposed that the hydraulic pressure, acting on the return valve (8), for triggering a movement of the moving part (4) into the end position be increased by a separately triggerable pressure increase, resulting in the opening of the return valve (8), in a hydraulic medium volume located upstream of the valve seat of the return valve (8) in a direction of flow of the hydraulic medium upon travelling into the end position. The invention also relates to a corresponding hydraulically operated handheld device.

IPC 8 full level
B21J 15/20 (2006.01); **B25B 27/02** (2006.01); **B25B 27/10** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP KR US)
B21D 28/34 (2013.01 - US); **B21J 15/105** (2013.01 - KR); **B21J 15/20** (2013.01 - EP KR); **B25B 27/026** (2013.01 - EP KR); **B25B 27/10** (2013.01 - EP US); **B25F 5/005** (2013.01 - EP KR); **B26F 1/14** (2013.01 - KR); **B21J 15/20** (2013.01 - US); **B25F 5/005** (2013.01 - US); **B26F 1/44** (2013.01 - US); **H01R 43/0427** (2013.01 - US)

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

DOCDB simple family (publication)
DE 102016111874 A1 20180104; AU 2017290411 A1 20190117; AU 2017290411 B2 20220707; CN 109562508 A 20190402; CN 109562508 B 20210316; EP 3478452 A1 20190508; EP 3478452 B1 20200729; KR 102380705 B1 20220329; KR 20190022823 A 20190306; US 11612990 B2 20230328; US 2020147772 A1 20200514; WO 2018001691 A1 20180104

DOCDB simple family (application)
DE 102016111874 A 20160629; AU 2017290411 A 20170608; CN 201780040217 A 20170608; EP 17730729 A 20170608; EP 2017063895 W 20170608; KR 20197002783 A 20170608; US 201716312674 A 20170608