

Title (en)

Method for operation of a hand-held work device with an internal combustion engine

Title (de)

VERFAHREN ZUM BETRIEB EINES HANDGEFÜHRTEN ARBEITSGERÄTS MIT EINEM VERBRENNUNGSMOTOR

Title (fr)

Procédé de fonctionnement d'un outillage portatif doté d'un moteur à combustion interne

Publication

EP 2891785 B1 20170215 (DE)

Application

EP 14004128 A 20141206

Priority

DE 102013021832 A 20131221

Abstract (en)

[origin: CN104727964A] A handheld work apparatus has a combustion engine (8) which drives a tool of the work apparatus via a centrifugal clutch. The centrifugal clutch (24) couples in an engagement rotational speed range (nK) which extends between a lower engagement rotational speed (nu) and an upper engagement rotational speed (no). The combustion engine (8) has a fuel supply device, an ignition device, a control device (41) and a device for detecting the rotational speed (n) of the engine. A method for operating the handheld work apparatus makes provision for the rotational speed profile of the combustion engine to be monitored in the engagement rotational speed range (nK) and for the power (P) output for driving the tool to be increased from an operating power (P1) to an increased power (P2, P3) when the rotational speed profile corresponds with a predetermined rotational speed profile over a predetermined period of time ([Delta]t).

IPC 8 full level

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CPC (source: EP RU US)

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Cited by

EP3144521A3; EP3830402A4; US11225922B2; WO2020027711A1; WO2020027708A1

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EP 2891785 A1 20150708; **EP 2891785 B1 20170215**; BR 102014031477 A2 20160614; BR 102014031477 A8 20210824; BR 102014031477 B1 20220412; CN 104727964 A 20150624; CN 104727964 B 20190614; DE 102013021832 A1 20150625; RU 2014150997 A 20160710; RU 2014150997 A3 20180705; RU 2665557 C2 20180831; US 2015174751 A1 20150625; US 9873193 B2 20180123

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