

Title (en)

METHOD FOR OPERATING A HYDRAULIC PUMP ARRANGEMENT, AND HYDRAULIC PUMP ARRANGEMENT

Title (de)

VERFAHREN ZUM BETRIEB EINER HYDRAULIKPUMPENANORDNUNG SOWIE HYDRAULIKPUMPENANORDNUNG

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN ENSEMBLE POMPE HYDRAULIQUE ET ENSEMBLE DE POMPE HYDRAULIQUE

Publication

EP 2831426 A1 20150204 (DE)

Application

EP 12712265 A 20120330

Priority

EP 2012055822 W 20120330

Abstract (en)

[origin: WO2013143606A1] The present invention relates to a method for operating a hydraulic pump arrangement for a hydraulic tool, particularly a portable hydraulic tool operating in an energy-independent manner or dependent on a power network, wherein the hydraulic pump arrangement is detachably connected via a hose connection to the hydraulic tool, is driven by an electrical energy source and the hydraulic pump arrangement is controlled in a load-dependent manner by changing over from a load state to a non-load state and vice-versa, wherein a first, higher electrical energy supply is provided for the load state and a second, lower electrical supply is provided for the non-load state. In order to solve the problem of providing a novel method for operating a hydraulic pump arrangement, and a novel hydraulic pump arrangement which guarantees an increased usage flexibility, usage safety and ease of use, the invention relates to a method according to which the battery is mounted on the hydraulic pump arrangement so as to be manually detachable in a receptacle that is accessible from the outside, as well as a power adapter (25) for connecting an electrical cable to a generator (29), and the battery (24) and the power adapter (25) have a geometry matching the geometry of the receptacle (26), such that the hydraulic pump arrangement can be supplied with power during usage optionally either via the battery (24) or via the power adapter (25).

IPC 8 full level

F15B 1/26 (2006.01); **A62B 3/00** (2006.01)

CPC (source: EP US)

F04B 35/04 (2013.01 - US); **F04B 49/06** (2013.01 - US); **F15B 1/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2013143606A1

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)

WO 2013143606 A1 20131003; CN 104254693 A 20141231; EP 2831426 A1 20150204; US 2015071791 A1 20150312

DOCDB simple family (application)

EP 2012055822 W 20120330; CN 201280072740 A 20120330; EP 12712265 A 20120330; US 201214389670 A 20120330