

Title (en)

METHOD FOR OPERATING A HYDRAULIC WORKING MACHINE

Title (de)

VERFAHREN ZUM BETRIEB EINER HYDRAULISCHEN ARBEITSMASCHINE

Title (fr)

MÉTHODE D'EXPLOITATION D'UNE MACHINE HYDRAULIQUE

Publication

**EP 2513490 B1 20160928 (DE)**

Application

**EP 10787317 A 20101203**

Priority

- DE 102009059025 A 20091218
- EP 2010007343 W 20101203

Abstract (en)

[origin: WO2011072808A1] The invention relates to a method for operating a hydraulic working machine, in particular a machine tool, having an associated control device for controlling the working machine sequence, a hydraulic system having at least one hydraulic load having time-variable fluid requirements (51, 52, 53) and at least one fluid device for providing a fluid pressure (40') and a fluid volumetric flow (30) for meeting the time-variable fluid requirements (51, 52, 53), wherein the at least one fluid device comprises a variable-speed pump, and a time-variable fluid pressure (40') for meeting the time-variable fluid requirements (51, 52, 53) in accordance with the control device is provided by means of a time-variable setting of the rotational speed of the variable-speed pump.

IPC 8 full level

**F15B 11/028** (2006.01); **B23Q 5/26** (2006.01); **B30B 15/16** (2006.01); **F04B 49/06** (2006.01); **F04B 49/20** (2006.01); **F15B 21/08** (2006.01)

CPC (source: EP)

**B30B 15/16** (2013.01); **F04B 49/20** (2013.01); **F15B 11/028** (2013.01); **F15B 21/087** (2013.01); **F15B 2211/20515** (2013.01); **F15B 2211/20538** (2013.01); **F15B 2211/251** (2013.01); **F15B 2211/6651** (2013.01)

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)

**WO 2011072808 A1 20110623**; CN 102782337 A 20121114; CN 102782337 B 20161109; DE 102009059025 A1 20110622; EP 2513490 A1 20121024; EP 2513490 B1 20160928; PL 2513490 T3 20170331

DOCDB simple family (application)

**EP 2010007343 W 20101203**; CN 201080064181 A 20101203; DE 102009059025 A 20091218; EP 10787317 A 20101203; PL 10787317 T 20101203