

Title (en)

METHOD AND DEVICE FOR ACTUATING AN ELECTRICALLY COMMUTATED FLUID WORKING MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANSTEUERUNG EINER ELEKTRISCH KOMMUTIERTEN FLUIDARBEITSMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR COMMANDER UNE MACHINE HYDRAULIQUE À COMMUTATION ÉLECTRIQUE

Publication

EP 2912309 B1 20201111 (DE)

Application

EP 13782945 A 20130923

Priority

- DE 102012109074 A 20120926
- DE 2013100340 W 20130923

Abstract (en)

[origin: WO2014048418A1] The invention relates to a method for actuating an electrically commutated fluid working machine (1), wherein the actuation of the electrically controllable valves (11) of the electrically commutated fluid working machine (1) is effected dependent on the fluid requirement and/or mechanical power requirements. In addition, on actuation of the electrically controlled valves (11) the electrical power required for actuating the electrically controllable valves is taken into account.

IPC 8 full level

F04B 7/00 (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP US)

F04B 1/06 (2013.01 - US); **F04B 7/0076** (2013.01 - EP US); **F04B 49/065** (2013.01 - EP US)

Citation (examination)

- EP 1717446 A2 20061102 - DENSO CORP [JP]
- US 2011253918 A1 20111020 - RAMPEN WILLIAM HUGH SALVIN [GB], et al

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 102012109074 A1 20140327; CN 104854346 A 20150819; CN 104854346 B 20180323; DE 112013004734 A5 20150603; EP 2912309 A1 20150902; EP 2912309 B1 20201111; JP 2015533984 A 20151126; JP 6063048 B2 20170118; US 10364807 B2 20190730; US 2015345489 A1 20151203; WO 2014048418 A1 20140403

DOCDB simple family (application)

DE 102012109074 A 20120926; CN 201380061168 A 20130923; DE 112013004734 T 20130923; DE 2013100340 W 20130923; EP 13782945 A 20130923; JP 2015533452 A 20130923; US 201314430751 A 20130923