

Title (en)

Operating method for fluid working machine

Title (de)

Betriebsverfahren für eine Fluid-Arbeitsmaschine

Title (fr)

Procédé de fonctionnement de machine de travail pour fluides

Publication

**EP 2055949 A1 20090506 (EN)**

Application

**EP 08016532 A 20080919**

Priority

- EP 07254337 A 20071101
- EP 07254332 A 20071101
- EP 07254331 A 20071101
- EP 07254333 A 20071101
- EP 08016532 A 20080919

Abstract (en)

A fluid working machine (1) has several working chambers (5) of cyclically changing volume. For pumping hydraulic fluid, the inlet and outlet valves (8,9) are electrically actuated. The timing of the actuation of said electrically actuated valves (8,9) is varied depending on the fluid flow demand and is changed at least in part continuously.

IPC 8 full level

**F04B 7/00** (2006.01); **F01B 25/02** (2006.01); **F01B 25/10** (2006.01); **F04B 49/06** (2006.01); **F04B 49/22** (2006.01)

CPC (source: EP)

**F01B 25/02** (2013.01); **F01B 25/10** (2013.01); **F04B 7/0076** (2013.01); **F04B 11/005** (2013.01); **F04B 49/06** (2013.01); **F04B 49/243** (2013.01); **F04B 2201/0601** (2013.01); **F04B 2205/09** (2013.01); **F04B 2205/13** (2013.01)

Citation (applicant)

- EP 0494236 B1 19951213 - ARTEMIS INTELLIGENT POWER LTD [GB]
- WO 9105163 A1 19910418 - UNIV EDINBURGH [GB]
- EP 1537333 B1 20060614 - ARTEMIS INTELLIGENT POWER LTD [GB]

Citation (search report)

- [DX] EP 1537333 B1 20060614 - ARTEMIS INTELLIGENT POWER LTD [GB]
- [DA] WO 9105163 A1 19910418 - UNIV EDINBURGH [GB]
- [DA] EP 0494236 B1 19951213 - ARTEMIS INTELLIGENT POWER LTD [GB]

Citation (examination)

WO 9003519 A1 19900405 - UNIV EDINBURGH [GB]

Cited by

WO2012150383A2; US9382436B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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**EP 08016530 A 20080919**; AT 08016530 T 20080919; AT 08016531 T 20080919; DE 602008001854 T 20080919; DE 602008001855 T 20080919; EP 08016531 A 20080919; EP 08016532 A 20080919; EP 08016533 A 20080919