

Title (en)
METHOD FOR CONTROLLING A SERVO SYSTEM

Title (de)
VERFAHREN ZUR STEUERUNG EINES SERVOSYSTEMS

Title (fr)
PROCEDE DE COMMANDE D'UN SYSTEME ASSERVI

Publication
EP 2215891 A1 20100811 (FR)

Application
EP 08804944 A 20081001

Priority
• EP 2008063119 W 20081001
• FR 0706900 A 20071002

Abstract (en)
[origin: WO2009043863A1] The invention relates to a method for controlling a servo system using a time-divided multi-level control (PWM). The invention comprises: acquiring two measures (31, 32; 33, 34; 35, 36) using a sensor (14) each during a period, both periods being dissymmetrical relative to the control division; determining an offset of the servo chain and a corrected offset-free response of the system to the control based on the measures (31, 32; 33, 34; 35, 36) and the measurement periods. The invention can be used, utilizing said two measures, for determining the offset effect in the servo chain of the system.

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: EP US)
H05B 45/12 (2020.01 - EP US)

Citation (search report)
See references of WO 2009043863A1

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)
FR 2921733 A1 20090403; FR 2921733 B1 20100226; CN 101843171 A 20100922; CN 101843171 B 20121226; EP 2215891 A1 20100811; US 2011050147 A1 20110303; US 8258855 B2 20120904; WO 2009043863 A1 20090409

DOCDB simple family (application)
FR 0706900 A 20071002; CN 200880114133 A 20081001; EP 08804944 A 20081001; EP 2008063119 W 20081001; US 68159708 A 20081001