

Title (en)

A method and a device for controlling a pendulum angle of a bell

Title (de)

Eine Methode und ein Gerät zur Kontrolle des Pendelwinkels einer Glocke

Title (fr)

Une méthode et un dispositif pour contrôler l'angle d'oscillation de pendule d'une cloche

Publication

EP 1310941 A1 20030514 (EN)

Application

EP 01204313 A 20011109

Priority

EP 01204313 A 20011109

Abstract (en)

A method for controlling a pendulum angle of a bell, in particular a church bell, wherein a pendulum movement of said bell is powered by a pulsewise driven electrical motor, in particular an asynchronous motor, wherein during a first phase of a repetitive control cycle a powerpulse is supplied to said motor, and wherein, during a second phase of said control cycle where no power is supplied to said motor and which follows said first phase, a DC voltage is applied on said motor in order to generate a time signal indicating an actual time period for said pendulum movement, said time signal being compared with a predetermined time period for said pendulum movement in order to determine a correction value if said actual period is different from said predetermined time period. <IMAGE>

IPC 1-7

G10K 1/34

IPC 8 full level

G10K 1/34 (2006.01)

CPC (source: EP)

G10K 1/348 (2013.01)

Citation (search report)

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EP2551844A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1310941 A1 20030514; EP 1310941 B1 20100602; AT E470215 T1 20100615; DE 60142298 D1 20100715

DOCDB simple family (application)

EP 01204313 A 20011109; AT 01204313 T 20011109; DE 60142298 T 20011109