

Title (en)

METHOD FOR SETTING THE SPEED LOOP OF A SPEED VARIATOR

Title (de)

VERFAHREN ZUR EINSTELLUNG DES DREHZAHLKREISES EINES WECHSELGETRIEBES

Title (fr)

PROCEDE DE REGLAGE DE LA BOUCLE DE VITESSE D'UN VARIATEUR DE VITESSE

Publication

EP 2303744 B1 20150923 (FR)

Application

EP 09779628 A 20090603

Priority

- EP 2009056835 W 20090603
- FR 0854388 A 20080630

Abstract (en)

[origin: WO2010003740A2] The invention relates to a method for setting a speed regulating loop of a speed variator intended to control a motor connected to a lifting load. The method involves a step of calculating a proportional gain (KP) and an integral gain (Ki) of the speed regulating loop, as a function of the nominal linear speed of the load, of the nominal rotational frequency of the motor, of the number of pairs of motor poles and of the total mass of the load.

IPC 8 full level

B66B 1/30 (2006.01); **H02P 21/00** (2006.01)

CPC (source: EP)

B66B 1/30 (2013.01)

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2010003740 A2 20100114; WO 2010003740 A3 20100610; CN 102076589 A 20110525; EP 2303744 A2 20110406; EP 2303744 B1 20150923; ES 2550948 T3 20151113; FR 2933249 A1 20100101; FR 2933249 B1 20100730; JP 2011526233 A 20111006

DOCDB simple family (application)

EP 2009056835 W 20090603; CN 200980125470 A 20090603; EP 09779628 A 20090603; ES 09779628 T 20090603; FR 0854388 A 20080630; JP 2011515278 A 20090603