Title (en)

DEVICE FOR REGULATING ROTATIONAL SPEED

Title (de)

VORRICHTUNG ZUR DREHZAHLREGELUNG

Title (fr)

DISPOSITIF DE REGULATION DE LA VITESSE DE ROTATION

Publication

EP 1076926 A1 20010221 (DE)

Application

EP 99931012 A 19990504

Priority

- DE 9901340 W 19990504
- DE 19819956 A 19980505

Abstract (en)

[origin: DE19819956A1] The invention relates to a device for regulating the rotational speed of a motor (9). The inventive device comprises a tachogenerator (10) for measuring the rotational speed and a regulating element which is configured as a parallel connection of a phase-locked loop (1) and of a frequency-locked loop (2). A time delay element (5, 6) is connected in outgoing circuit to the phase-locked loop (1) and to the frequency-locked loop (2). An adder (7) is situated between the time delay elements (5, 6) and the motor (9) in order to combine the output signals of the time delay elements (5, 6).

IPC 1-7

H02P 5/00

IPC 8 full level

H02P 23/18 (2016.01)

CPC (source: EP)

H02P 23/186 (2016.02)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 19819956 A1 19991111; EP 1076926 A1 20010221; JP 2002514040 A 20020514; WO 9957802 A2 19991111; WO 9957802 A3 20000113

DOCDB simple family (application)

DE 19819956 A 19980505; DE 9901340 W 19990504; EP 99931012 A 19990504; JP 2000547690 A 19990504