Title (en)
  Controllable drive device

Title (de)
  Ansteuerbare Antriebsvorrichtung

Title (fr)
  Dispositif d'entraînement pouvant être commandé

Publication
  EP 2028749 A1 20090225 (DE)

Application
  EP 08104388 A 20080612

Priority
  DE 202007011641 U 20070821

Abstract (en)
  The device (1) has a drive (3) e.g. brushless electric motor or collector-less electric motor, for driving an actuator (5), and an adjusting circuit (2) e.g. hydraulic valve or pneumatic valve, for adjusting a three-point signal to predetermined parameters. The parameters are voltage type, voltage value, current value or frequency of three points. A circuit arrangement (8) of the device is designed in such a manner that an input (11) of the device is loaded with direct current or with alternating current three point control signal. The circuit has a constant current control unit (17).

Abstract (de)
  Durch ein 3-Punkt-Stellsignal ansteuerbare Antriebsvorrichtung (1) mit einem Antrieb (3) zum Antreiben eines Stellglieds (5) wobei die Antriebsvorrichtung (1) eine Anpassungsschaltung (2) zum Anpassen des 3-Punkt-Stellsignals an vorbestimmbare Parameter aufweist (Fig. 1).

IPC 8 full level
  H02K 23/66 (2006.01); **F04D 15/00** (2006.01); **F15B 11/08** (2006.01); **G05B 19/042** (2006.01); **H02M 1/42** (2007.01)

CPC (source: EP US)
  F04D 5/002 (2013.01 - EP US); **F04D 5/005** (2013.01 - EP US)

Citation (search report)
  • [XY] DE 4111039 A1 19921008 - RICHTER ALBERT ARI ARMATUREN [DE]
  • [Y] EP 1633038 A2 20060308 - BIFFI ITALIA [IT]
  • [Y] DE 10240036 A1 20040311 - RICHTER ALBERT ARI ARMATUREN [DE]
  • [Y] EP 0856690 A2 19980805 - WILO GMBH [DE]

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)
  US 2009052106 A1 20090226; AT E509422 T1 20110515; DE 202007011641 U1 20090102; EP 2028749 A1 20090225; EP 2028749 B1 20110511; ES 2366456 T3 20111020; HK 1127442 A1 20090925; PL 2028749 T3 20111031; RU 2008134040 A 20100227; RU 2475931 C2 20130220; SI 2028749 T1 20110930

DOCDB simple family (application)
  US 18989908 A 20080812; AT 08104388 T 20080612; DE 202007011641 U 20070821; EP 08104388 A 20080612; ES 08104388 T 20080612; HK 09105270 A 20090611; PL 08104388 T 20080612; RU 2008134040 A 20080820; SI 200830339 T 20080612