

Title (en)
Device for supplying a wirelessly controlled servo drive

Title (de)
Vorrichtung zum Speisen eines drahtlos ansteuerbaren Stellantriebs

Title (fr)
Dispositif pour alimenter un servomoteur à commande sans fil

Publication
EP 1727273 A1 20061129 (DE)

Application
EP 05011436 A 20050527

Priority
EP 05011436 A 20050527

Abstract (en)
The drive has a drive unit (61) for operating an actuator and a control and regulation unit (62) wirelessly communicated with an external station for controlling and regulating the drive unit. The drive unit has an electric motor (1) that is controllable by the control and regulation unit and a driver unit for the motor. The control and regulation unit is energized by a voltage regulator unit (64) that is connected with a battery, where the drive unit is connected directly at an output voltage of the battery.

IPC 8 full level
H02P 29/00 (2006.01); **F24D 19/10** (2006.01); **G05D 23/19** (2006.01); **G05D 23/24** (2006.01)

CPC (source: EP US)
F24D 19/1018 (2013.01 - EP US); **F24D 19/1033** (2013.01 - EP US)

Citation (applicant)
• DE 2800704 A1 19790712 - LENZ
• US 2004222767 A1 20041111 - OHKOUCHI YASUYUKI [JP], et al

Citation (search report)
• [X] US 2004222767 A1 20041111 - OHKOUCHI YASUYUKI [JP], et al
• [Y] US 2004231716 A1 20041125 - LITWIN ROBERT ZACHARY [US]
• [Y] DE 4308031 A1 19940428 - BOSCH GMBH ROBERT [DE]
• [A] US 5813655 A 19980929 - PINCHOTT GORDON A [US], et al

Cited by
DE102017102894A1; GB2452345A; US10006462B2; US10844861B2; WO2020083453A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1727273 A1 20061129; EP 1727273 B1 20110824; AT E522022 T1 20110915; CN 100570192 C 20091216; CN 1869489 A 20061129; DK 1727273 T3 20111212; ES 2371470 T3 20120103; US 2006279238 A1 20061214; US 7402972 B2 20080722

DOCDB simple family (application)
EP 05011436 A 20050527; AT 05011436 T 20050527; CN 200610091802 A 20060529; DK 05011436 T 20050527; ES 05011436 T 20050527; US 44187106 A 20060526