

Title (en)

ELECTRONIC DEVICE FOR CONTROLLING ACTUATORS

Title (de)

ELEKTRONISCHE EINRICHTUNG ZUR STEUERUNG VON AKTOREN

Title (fr)

DISPOSITIF ELECTRONIQUE DE COMMANDE D'ACTIONNEURS

Publication

**EP 1712001 A1 20061018 (FR)**

Application

**EP 05707111 A 20050201**

Priority

- EP 2005000966 W 20050201
- FR 0401101 A 20040205

Abstract (en)

[origin: FR2866165A1] The device has control stages (321,322) with bonding pads for connection of respective inductive loads. A validation circuit has Zener diodes (181, 182) to generate a validation signal when voltage applied to the pads, reaches a validation level. A common reset circuit (2) has a Zener diode (21) to limit the voltage at a common level greater than the validation level and to apply a reset signal to gate of a MOS transistor of one stage. An independent claim is also included a system comprising a control device of inductive loads.

IPC 8 full level

**H03K 17/042** (2006.01); **F02D 41/20** (2006.01)

CPC (source: EP KR US)

**F02D 41/20** (2013.01 - EP US); **H03K 17/042** (2013.01 - KR); **F02D 2041/2013** (2013.01 - EP US); **F02D 2041/2075** (2013.01 - EP US)

Citation (search report)

See references of WO 2005086348A1

Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

**FR 2866165 A1 20050812; FR 2866165 B1 20060407**; EP 1712001 A1 20061018; JP 2007534228 A 20071122; KR 20060131853 A 20061220; US 2008272822 A1 20081106; US 7580236 B2 20090825; WO 2005086348 A1 20050915

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**FR 0401101 A 20040205**; EP 05707111 A 20050201; EP 2005000966 W 20050201; JP 2006551781 A 20050201; KR 20067017054 A 20060824; US 58830505 A 20050201