

Title (en)

CONTROL CHIP FOR PROVIDING THE BASIC FUNCTIONALITY OF A CONTROL DEVICE

Title (de)

STEUERUNGS-CHIP ZUM BEREITSTELLEN DER GRUNDFUNKTIONALITÄT EINES STEUERGERÄTS

Title (fr)

PUCE DE COMMANDE FOURNISSANT LA FONCTIONNALITE DE BASE D'UN APPAREIL DE COMMANDE

Publication

EP 1915654 A1 20080430 (DE)

Application

EP 06792712 A 20060804

Priority

- EP 2006065087 W 20060804
- DE 102005037264 A 20050808

Abstract (en)

[origin: WO2007017477A1] The invention relates to a control chip (10) for providing the basic functionality of a control device. Said control chip (10) comprises a supply voltage with at least two, especially three output voltages, at least two, particularly three sensor power supplies, especially with an output voltage of 5 V or 3.3 V, at least one driver for bi-directional interfaces, a CAN driver, a servo control, a main relay output featuring a diagnostic function, at least one bi-directional serial interface for controlling the outputs and communicating with a microcontroller, at least six power outputs, particularly with nominal currents ranging from 0.6 A to 3 A, at least one low-level signal output, especially with nominal currents of 50 mA, and four ignition drivers.

IPC 8 full level

G05B 19/042 (2006.01)

CPC (source: EP KR US)

B60K 28/00 (2013.01 - KR); **G05B 19/042** (2013.01 - EP US); **G05B 19/0428** (2013.01 - EP KR US); **H02M 3/137** (2013.01 - KR); **G05B 2219/23282** (2013.01 - EP KR US); **G05B 2219/25258** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2007017477A1

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005037264 A1 20070215; CN 101243363 A 20080813; CN 101243363 B 20101201; EP 1915654 A1 20080430; JP 2009505190 A 20090205; KR 20080046629 A 20080527; RU 2008108470 A 20090920; US 2011022287 A1 20110127; US 8583345 B2 20131112; WO 2007017477 A1 20070215

DOCDB simple family (application)

DE 102005037264 A 20050808; CN 200680029624 A 20060804; EP 06792712 A 20060804; EP 2006065087 W 20060804; JP 2008525557 A 20060804; KR 20087002750 A 20080201; RU 2008108470 A 20060804; US 99014606 A 20060804