

Title (en)

CONTROL DEVICE FOR A CURRENT-CONTROLLED BUS

Title (de)

STEUERGERÄT FÜR STROMGESTEUERTEN BUS

Title (fr)

APPAREIL DE COMMANDE POUR UN BUS COMMANDÉ PAR UN COURANT

Publication

EP 2898631 A1 20150729 (DE)

Application

EP 13762083 A 20130905

Priority

- DE 102012216848 A 20120920
- EP 2013068337 W 20130905

Abstract (en)

[origin: WO2014044539A1] An electronic control device comprises a bus connection for connection to a bus line of a current-controlled bus, an evaluation device for sensing the current flowing through the bus connection in order to detect a digital message from a sensor connectable to the bus line, and a current controller for generating a predetermined current pulse through the bus connection in order to shift the sensor into a predetermined synchronisation state. The current controller is designed to control the current through the bus connection in such a manner that it corresponds to an operating current through the sensor.

IPC 8 full level

B60R 21/00 (2006.01); **B60R 21/0134** (2006.01); **B60R 21/0136** (2006.01); **B60T 7/04** (2006.01); **H04B 3/54** (2006.01); **H04L 7/00** (2006.01); **H04L 7/04** (2006.01); **H04L 12/40** (2006.01); **H04L 25/00** (2006.01); **H04L 25/02** (2006.01); **H04L 25/03** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP US)

B60T 7/042 (2013.01 - EP US); **G06F 1/266** (2013.01 - US); **G06F 13/4221** (2013.01 - EP US); **H04B 3/54** (2013.01 - EP US); **H04L 12/40006** (2013.01 - EP US); **H04L 67/12** (2013.01 - EP US); **H04L 25/0282** (2013.01 - EP US); **H04L 2012/40273** (2013.01 - EP US)

Citation (search report)

See references of WO 2014044539A1

Citation (examination)

AUTOLIV ET AL: "Peripheral Sensor Interface Peripheral Sensor Interface for Automotive Applications Peripheral Sensor Interface Content", 29 July 2008 (2008-07-29), XP055433342, Retrieved from the Internet <URL:http://psi5.org/fileadmin/user_upload/01_psi5.org/04_Specification/Specifications_PDFs/psi5_specification_v13_080729.pdf> [retrieved on 20171208]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102012216848 A1 20140320; **DE 102012216848 B4 20151001**; CN 104854823 A 20150819; CN 104854823 B 20180921; EP 2898631 A1 20150729; US 2015248370 A1 20150903; US 9619425 B2 20170411; WO 2014044539 A1 20140327

DOCDB simple family (application)

DE 102012216848 A 20120920; CN 201380049297 A 20130905; EP 13762083 A 20130905; EP 2013068337 W 20130905; US 201314429902 A 20130905