

Title (en)

CURRENT LOOP VOLTAGE MODULATOR FOR COMMUNICATION INTERFACE

Title (de)

STROMKREISSPANNUNGSMODULATOR FÜR KOMMUNIKATIONSSCHNITTSTELLE

Title (fr)

MODULATEUR DE TENSION DE BOUCLE DE COURANT POUR INTERFACE DE COMMUNICATION

Publication

EP 2832071 A1 20150204 (EN)

Application

EP 13878673 A 20130319

Priority

CN 2013072847 W 20130319

Abstract (en)

[origin: WO2014146243A1] Systems for communicating over a communication interface are provided. An integrated circuit includes circuitry for monitoring a current flowing between two terminals of the integrated circuit. The integrated circuit also includes a voltage driver circuit for modulating a voltage between two terminals of the integrated circuit. The voltage driver modulates the voltage across the two terminals of the integrated circuit to encode data according to the Highway Addressable Remote Transducer protocol.

IPC 8 full level

G05B 23/02 (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP)

G05B 19/056 (2013.01); **H04B 3/50** (2013.01); **G05B 2219/25232** (2013.01)

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)

WO 2014146243 A1 20140925; CN 104221348 A 20141217; CN 104221348 B 20170718; EP 2832071 A1 20150204; EP 2832071 A4 20151118

DOCDB simple family (application)

CN 2013072847 W 20130319; CN 201380019336 A 20130319; EP 13878673 A 20130319