

Title (en)

Sensor with multiplex-data output

Title (de)

Sensor mit Multiplex-Datenausgang

Title (fr)

Capteur avec une sortie pour sortir des données par multiplexage

Publication

EP 1575013 B1 20100224 (DE)

Application

EP 04030561 A 20041223

Priority

DE 102004007486 A 20040213

Abstract (en)

[origin: EP1575013A2] An original word is divided into separate short words, after which the short words are converted into corresponding analog false signals that are in turn transmitted to the signal input portion of a receiver. The signals are in turn converted into short words, of which the number of bits is determined by the bit number of the short words to which the sensor corresponds. The resulting short word is then coupled with the data word at the receiving side which is in the exact sequence as that of the short word. An independent claim is also included for a sensor.

IPC 8 full level

G08C 15/00 (2006.01); **G08C 19/00** (2006.01); **G08C 15/08** (2006.01); **H04L 5/02** (2006.01); **H04L 5/04** (2006.01); **H04N 23/40** (2023.01)

CPC (source: EP KR US)

G08C 15/00 (2013.01 - EP US); **G08C 19/00** (2013.01 - KR)

Cited by

DE102012013072A1; DE102012013072B4; US9291685B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 1575013 A2 20050914; **EP 1575013 A3 20071031**; **EP 1575013 B1 20100224**; DE 102004007486 A1 20051027; DE 502004010803 D1 20100408; JP 2005228336 A 20050825; JP 4745679 B2 20110810; KR 101089486 B1 20111202; KR 20060041930 A 20060512; US 2005243184 A1 20051103; US 7319418 B2 20080115

DOCDB simple family (application)

EP 04030561 A 20041223; DE 102004007486 A 20040213; DE 502004010803 T 20041223; JP 2005036013 A 20050214; KR 20050012029 A 20050214; US 5771105 A 20050214