

Title (en)

Detection of variations of a time delay between optical or electric signals

Title (de)

Detektion von Veränderungen eines Zeitabstands optischer oder elektrischer Signale

Title (fr)

Détection des variations d'un intervalle de temps entre des signaux optiques ou électriques

Publication

**EP 2172817 B1 20121212 (DE)**

Application

**EP 09010549 A 20090817**

Priority

DE 102008045359 A 20080822

Abstract (en)

[origin: EP2172817A2] The method involves modulating light signal (1) or light reference signal (3) based on electrical or electrical reference signals respectively. The light signal and light reference signal are received by a photodetector (5). The electrical response signal (15) having frequency spectrum depending on interval of time is outputted at an output (13) of photodetector. The harmonic is filtered from the frequency spectrum of electrical response signal for detecting changes in the interval of time. An independent claim is included for apparatus for detecting change in interval of time between electrical signal and electrical reference signal.

IPC 8 full level

**G04F 10/00** (2006.01); **G04G 7/00** (2006.01)

CPC (source: EP US)

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Cited by

EP2560250A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

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