

Title (en)

Device for detecting and synchronising the position of a wheel of a clock mechanism

Title (de)

Vorrichtung zur Erfassung und Synchronisation der Position eines Rades in einem Uhrwerkmechanismus

Title (fr)

Dispositif de détection et de synchronisation de la position d'une roue d'un mécanisme horloger

Publication

**EP 2626752 B1 20141119 (FR)**

Application

**EP 12154504 A 20120208**

Priority

EP 12154504 A 20120208

Abstract (en)

[origin: EP2626752A1] The device (30) has a light source (32) which emits a light beam (34), and a light detection system (36). A light-reflecting element (40) projects from one of an upper or lower surface of a wheel (16) of a timepiece mechanism (1). The light source and the light detection system are arranged in a position of the wheel of the timepiece mechanism. The light beam emitted by the light source is reflected by the light-reflecting element in the direction of the light detection system.

IPC 8 full level

**G04C 3/14** (2006.01)

CPC (source: EP US)

**G04B 27/007** (2013.01 - US); **G04C 3/146** (2013.01 - EP US)

Cited by

EP2869140A1; US9297644B2; US9453939B2

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

DOCDB simple family (publication)

**EP 2626752 A1 20130814**; **EP 2626752 B1 20141119**; CN 103246198 A 20130814; CN 103246198 B 20160831; HK 1188304 A1 20140425; JP 2013160771 A 20130819; JP 5592964 B2 20140917; US 2013201802 A1 20130808; US 9010996 B2 20150421

DOCDB simple family (application)

**EP 12154504 A 20120208**; CN 201310049331 A 20130207; HK 14101221 A 20140211; JP 2013023142 A 20130208; US 201313762689 A 20130208