

Title (en)

Method for localising light sources, computer program and localisation unit

Title (de)

Verfahren zur Lokalisierung von Lichtquellen, Computerprogramm und Lokalisierungseinheit

Title (fr)

Procédé de localisation de sources lumineuses, programme informatique et unité de localisation

Publication

**EP 2434842 B1 20130424 (DE)**

Application

**EP 11181673 A 20110916**

Priority

DE 102010046740 A 20100928

Abstract (en)

[origin: EP2434842A1] The method involves creating a list of light sources (1) with unique digital identifier having a bit sequence. The light sources are simultaneously driven so that successive luminescent states corresponding to light sources are associated with bit sequences of the unique identifier. A sequence of images of an array (10) with image pickup devices (6), is received. The image pickup device is driven by matching the sequence of images with the sequence of lighting conditions of the light sources. Independent claims are included for the following: (1) computer program for localization of light sources; and (2) localization unit for localization of light sources.

IPC 8 full level

**H05B 37/02** (2006.01)

CPC (source: EP US)

**H05B 47/135** (2020.01 - EP US); **H05B 47/155** (2020.01 - EP US); **H05B 47/175** (2020.01 - EP US); **H05B 47/199** (2024.01 - EP)

Cited by

IT201700104175A1; DE102017207397A1; AT17116U1; EP3152982A4; DE102013201650A1; EP2763508A3; US10212788B2; WO2015139877A1; WO2019053688A1; WO2014096198A1; US9414467B2; US9955550B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2434842 A1 20120328; EP 2434842 B1 20130424**; DE 102010046740 A1 20120329; US 2012105204 A1 20120503; US 9282618 B2 20160308

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