



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
13.11.2013 Bulletin 2013/46

(51) Int Cl.:
H05B 37/02 (2006.01)

(43) Date of publication A2:
11.05.2011 Bulletin 2011/19

(21) Application number: **10190073.6**

(22) Date of filing: **05.11.2010**

(84) Designated Contracting States:
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 States:
BA ME

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(30) Priority: **05.11.2009 FI 20096144**

(54) **Networked dynamic street lighting**

(57) A method for focusing outdoor lighting on roads (150), along which there are several lamps (110), for which the electricity supply (120) is built. For each one of the several lamps, location data and the lamp address enabling sending data packets are saved in the location table, which lamp address comprises a routing address or enables dynamic forming of the routing address. Re-

ceiving observation data and noting from the received observation data an object (160,170) moving on the road. The location of the noted moving object (160,170) is defined on the basis of the location data of the sender of the observation data that is associated with the sender's routing address, and the lamp or lamps (120) are selected on spot of or nearby the moving object that shall be illuminated.

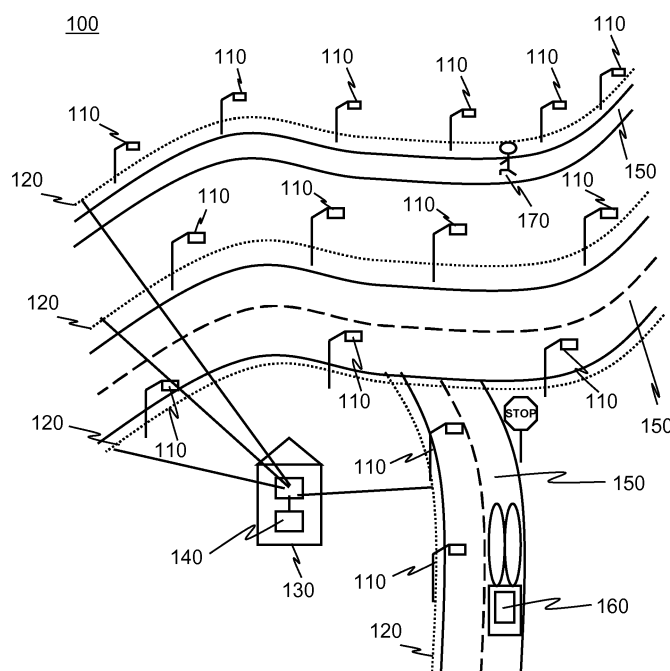


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 10 19 0073

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 101 28 258 A1 (LUXMATE CONTROLS GMBH DORNBIRN [AT]) 19 December 2002 (2002-12-19)	1,2,5,6,9	INV. H05B37/02
Y	* paragraph [0070]; figure 1 *	7,8,10	
Y	EP 2 020 828 A2 (TOPCO TECHNOLOGIES CORP [TW] GE INVESTMENT CO LTD [TW]) 4 February 2009 (2009-02-04) * paragraphs [0032], [0033]; figure 1 *	7,8,10	
A	WO 2009/003279 A1 (CARMANAH TECHNOLOGIES CORP [CA]; BOURQUIN SEAN [CA]; HORTSING DAMIEN []) 8 January 2009 (2009-01-08) * abstract *	3,4,11-15	
A	WO 2009/103245 A1 (TRI CONCEPT TECHNOLOGY LTD [CN]; YIP CHAK LAM PETER [CN]; TSOI KING CH) 27 August 2009 (2009-08-27) * paragraph [0032] *	1-15	
A	US 2007/222581 A1 (HAWKINS STAN [US] ET AL) 27 September 2007 (2007-09-27) * abstract; figure 1 *	14	TECHNICAL FIELDS SEARCHED (IPC) H05B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 2 October 2013	Examiner Boudet, Joachim
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 10 19 0073

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1, 2, 5-10

Method and device for road or path illumination wherein networked lighting units are in ON state by default when not receiving any instruction and are turned OFF or dimmed upon reception of instruction.

2. claims: 3, 4, 11-15

Method and device for road or path illumination wherein networked lighting units are switched ON upon detection of moving objects.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 10 19 0073

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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02-10-2013

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