

# Technique for Accessing Databases: The European Patent Register, Espacenet, and EPO Internal Search tools

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# Overview

- The European Patent Register
  - gives information about applications at the EPO
  - how to search
  - communication history of an application
  - how to use this information  
(for non-EPO examiners)
- Espacenet
  - worldwide database from over 90 National patent offices
  - over 80 million patent applications
  - classification scheme
- EPO Internal Search tools
  - Xfull for searching databases
  - Viewer for looking at documents

# European Patent Register

- Stores all publicly available info on European patent applications i.e. all European, Euro-PCT and PCT application once published

[www.epo.org/register](http://www.epo.org/register)

- Search for applications
- Check the current status of a European patent application
- **Read communications / letters between Examiner and the Applicant**
- Download data

# Searching

- The following terms can be searched on
  - Application number
  - Publication number
  - Date of filing
  - applicant
  - inventor
  - title
  - etc..

EP2384604
<b>About this file</b>
Legal status
Event history
Citations
Patent family
All documents

## About this file: EP2384604

 Refine search     ST36     Espacenet     Submit observations     Report error     Print

### EP2384604 - ELECTRONIC CIRCUIT FOR DRIVING A FLUORESCENT LAMP AND LIGHTING APPLICATION [ Right-click to bookmark this link ]

<b>Status</b>	Request for examination was made <i>Database last updated on 11.02.2013</i>
<b>Most recent event</b> ⓘ	15.01.2013      New entry: Renewal fee paid
<b>Applicant(s)</b>	For all designated states Koninklijke Philips Electronics N.V. Groenewoudseweg 1 5621 BA Eindhoven / NL  [2011/45]
<b>Inventor(s)</b>	01 / VEEKEN, Renatus Willem Clemens van der LI Eindhoven ADL, Postbus 80020 NL-5600 JM Eindhoven / NL  [2011/45]
<b>Representative(s)</b>	Coops, Peter Philips Intellectual Property & Standards P.O. Box 220 5600 AE Eindhoven / NL  [2011/45]
<b>Application number, filing date</b>	<b>09796452</b> .2      11.12.2009
<b>Related links</b>	W00000155804

#### Quick help

- [What happens if I click on the "XML" or "ST36" buttons?](#)
- [What kind of information can be found if I click on the "Show history" button?](#)
- [What kind of information can be found under "Status"?](#)
- [What do the digits in square brackets refer to?](#)
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- [Why are the publication dates of the European and international applications identical ?](#)
- [What does the letter in square brackets stand for in the "Documents cited" part?](#)
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- [What is non-patent literature?](#)

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## Citations: EP2384604

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<b>Cited in</b>	Search
<b>Type :</b>	Non-patent literature
<b>Publication information :</b>	[ ] See references of WO 2010076720A1
<b>Cited in</b>	International search
<b>Type :</b>	Patent literature
<b>Publication No. :</b>	<a href="#">US2004100205</a> [X]
<b>Type :</b>	Patent literature
<b>Publication No. :</b>	<a href="#">US6094017</a> [A]
<b>Type :</b>	Patent literature
<b>Publication No. :</b>	<a href="#">US2006125423</a> [A]



EP2384604

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**Patent family**

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Quick help

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## Patent family: EP2384604

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Type

Patent family member

Publication No.	Date	Type
↗ <a href="#">CN102273325</a>	07.12.2011	A
Priority number	Date	
CN200980153340	11.12.2009	
CN200810190298	30.12.2008	
IB2009055681	11.12.2009	

Type

Patent family member

Publication No.	Date	Type
↗ <a href="#">EP2384604</a>	09.11.2011	A1
Priority number	Date	
CN200810190298	30.12.2008	
IB2009055681	11.12.2009	

Type

Patent family member

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## All documents: EP2384604

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All documents(16) Search

<input type="checkbox"/>	Date	Document type	Procedure	Number of page
<input type="checkbox"/>	28.02.2012	<a href="#">(Electronic) Receipt</a>	Search / examination	
<input type="checkbox"/>	28.02.2012	<a href="#">Amended claims filed after receipt of (European) search report</a>	Search / examination	
<input type="checkbox"/>	28.02.2012	<a href="#">Amended claims with annotations</a>	Search / examination	
<input type="checkbox"/>	28.02.2012	<a href="#">Amendments received before examination</a>	Search / examination	
<input type="checkbox"/>	28.02.2012	<a href="#">Letter accompanying subsequently filed items</a>	Search / examination	
<input type="checkbox"/>	12.10.2011	<a href="#">Notification on forthcoming publication of bibliographic data</a>	Search / examination	
<input type="checkbox"/>	22.08.2011	<a href="#">Communication concerning correction of deficiencies in written opinion/amendment of application/payment of claims fee</a>	Search / examination	
<input type="checkbox"/>	22.08.2011	<a href="#">Invitation to indicate correct address of inventor</a>	Search / examination	
<input type="checkbox"/>	12.08.2011	<a href="#">Letter which had not been notified</a>	Search / examination	
<input type="checkbox"/>	21.07.2011	<a href="#">Copy of the international preliminary report on patentability</a>	Search / examination	
<input type="checkbox"/>	08.06.2011	<a href="#">(Electronic) Receipt</a>	Search / examination	
<input type="checkbox"/>	08.06.2011	<a href="#">Request for entry into the European phase</a>	Search / examination	
<input type="checkbox"/>	13.05.2011	<a href="#">Information on entry into European phase</a>	Search / examination	
<input type="checkbox"/>	27.07.2010	<a href="#">Priority document (electronically transmitted)</a>	Search / examination	1
<input type="checkbox"/>	08.07.2010	<a href="#">Copy of the international search report</a>	Search / examination	
<input type="checkbox"/>	08.07.2010	<a href="#">International publication of the A1 Pamphlet</a>	Search / examination	1

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- [Is it possible to print a list of all the documents?](#)
- [Can I sort the list of documents?](#)
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File: 09796452.2 Copy of the international preliminary report on patentability

### PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

To:

see form PCT/ISA/220

## PCT

### WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing  
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference see form PCT/ISA/220	<b>FOR FURTHER ACTION</b> See paragraph 2 below
---	--

International application No. PCT/B2009/055681	International filing date (day/month/year) 11.12.2009	Priority date (day/month/year) 30.12.2008
---	--	--

International Patent Classification (IPC) or both national classification and IPC  
INV. H05B41/282 H05B41/392

Applicant  
KONINKLIJKE PHILIPS ELECTRONICS N.V.

1. This opinion contains indications relating to the following items:
- Box No. I Basis of the opinion
  - Box No. II Priority
  - Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
  - Box No. IV Lack of unity of invention
  - Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
  - Box No. VI Certain documents cited
  - Box No. VII Certain defects in the international application
  - Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING  
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IB2009/055681

**Re Item V**

**Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

Reference is made to the following document:

D1 US 2006/125423 A1 (CHITTA VENKATESH [US] ET AL) 15 June 2006 (2006-06-15)

1 The subject-matter of independent claim 1 does not meet the requirements of Article 33(2) PCT.

D1 discloses:

an electronic circuit (figure 1, lighting circuit 4) for driving a fluorescent lamp (3) from a periodic input voltage (AC supply, 1) provided at a power input terminal, the circuit comprising

- an inverter (DC/AC converter 6) for powering the fluorescent lamp;
- a control unit (dimming controller 7) comprising

a measuring input connected to the power input terminal for providing a synchronisation signal representing a value of the periodic input voltage to the control unit (dimming control signal inputting unit A and see paragraph [0050]),

a control input for receiving an input signal representative of a desired lighting characteristic of the fluorescent lamp (dimming control signal inputting unit B, and see paragraph [0052]), and

a control output connected to an enabling input of the inverter, wherein, the control unit being arranged to provide, via the control output, a control signal to the inverter to operate the inverter in synchronism with a periodicity of the synchronisation signal representing the value of the periodic input voltage, the control signal being based on the input signal (the output of dimming control 7 is fed to the switching circuit 9 and is the combination of the sync output from circuit 20 and the dimming command from circuit 22).

Hence the subject-matter of claim 1 is not new.

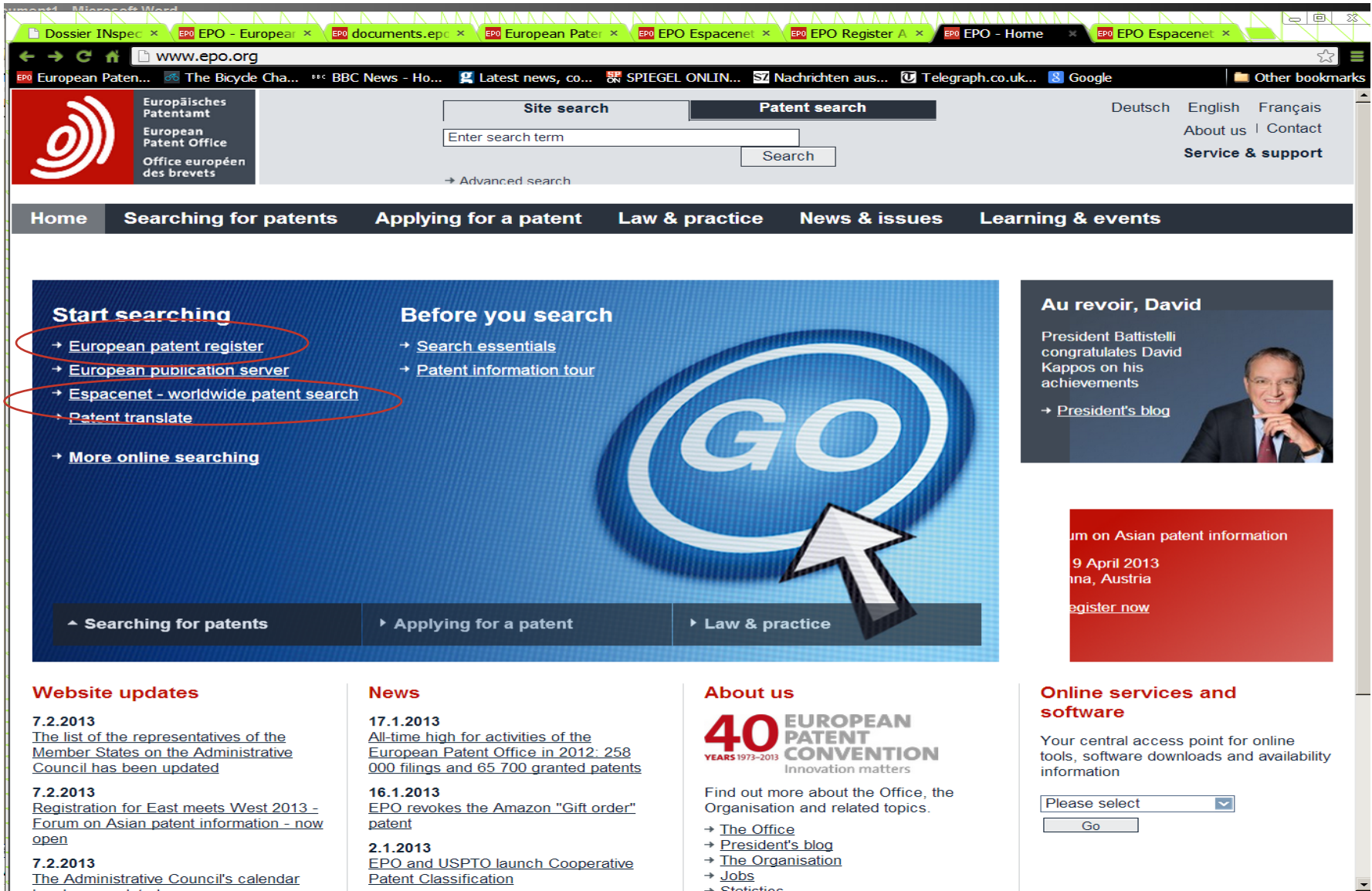
2 Dependent claims 2-18 do not appear to contain any additional features which, in combination with the independent claims meet the requirements of the PCT with respect to novelty and/or inventive step.

PROBABLY USEFUL  
FOR YOUR  
COMMUNICATION



# ESPACENET

- Worldwide Patent database with over 90 patent offices and over 80million patent documents
- Search for documents
- List CPC classification scheme
- Find relevant classes



The screenshot shows the EPO website homepage with several key elements:

- Navigation:** A top menu with links for Home, Searching for patents, Applying for a patent, Law & practice, News & issues, and Learning & events.
- Search:** A search bar with 'Site search' and 'Patent search' tabs, a text input field for 'Enter search term', and a 'Search' button. An 'Advanced search' link is also present.
- Language:** Options for Deutsch, English, and Français, along with 'About us' and 'Contact' links.
- Main Content:** A large blue banner with a 'GO' button and a mouse cursor. It features two columns of links: 'Start searching' (with red circles around 'European patent register', 'European publication server', and 'Espacenet - worldwide patent search') and 'Before you search' (with links to 'Search essentials' and 'Patent information tour').
- News and Updates:** A 'Website updates' section with three entries from 2013, a 'News' section with three entries, and an 'About us' section celebrating the 40th European Patent Convention.
- Services:** A 'President's blog' section with a photo of David Kappos and a 'Forum on Asian patent information' section with a 'register now' link.
- Footer:** A 'Please select' dropdown menu and a 'Go' button.

**Smart search**

- Advanced search
- Classification search

## Smart search

Smart search. 1 Siemens EP 2007

morrish 2012

Clear Search

### Maintenance news

#### Scheduled maintenance

Espacenet outages - all times are CET:  
Possible outages on 11th of February 18:00-19:00  
Mon-Sat from 05:00-05:15,  
Sun: 05:00 to 06:00 → [read more...](#)

#### News flashes

#### Latest updates

#### Related links

## Well, 2012 was a busy year!

In February we launched the first batch of languages in Patent Translate. In October a further seven languages were added and in December the Chinese language was implemented. In parallel, extensive co-operation with the USPTO brought the Cooperative Patent Classification scheme, which replaced ECLA in Espacenet in December. A new CPC viewer replaced the ECLA viewer, and with the new viewer came a whole bunch of new functionality and on-screen information. And, significantly, the CPC viewer in Espacenet is the only official public CPC viewer!

And right at the end of the year we also launched a load of new features which you had been asking for, for a long time.

We rationalised the number of search possibilities down to Smart search, Advanced search and Classification search (CPC, of course). Smart search still offers the possibility of free-form and command-line searches. Smart search has rolled up all of the functionalities of the old Quick search and Number search, including improved fuzzy logic, so you don't have to remember exact formats, country codes or kind codes. The layout of the Advanced search screen is now clearer, with text, number, name, date and classification fields grouped.

Espacenet now shows the cited documents for INPADOC family members, that means, for example, the search reports for each of the members of the family. This is an Espacenet-compatible view of the Common Citation Document and we call it CCD Lite. It means you can compare the searches done by different patent offices on essentially the same invention or inventive concept with just one click.

You can now save up to 50 query histories and there are links to priority documents from the bibliographic view. And we are beginning to implement direct links from documents in Espacenet to member state patent registers so you can look up legal status information, at source, for yourself. This will take some time to complete, but we reckon you'll think it's worth the effort.

The New Year will bring still more features in Espacenet- we've been so busy we couldn't squeeze them all in - but we'll have to keep them quiet for the time being.

So, watch this space!

Refine search → Results

Smart search  
 Advanced search  
 Classification search

Quick help

- Can I subscribe to an RSS feed of the result list?
- What does the RSS reader do with the result list?
- Can I export my result list?
- What happens if I click on "Download covers"?
- Why is the number of results sometimes only approximate?
- Why is the list limited to 500 results?
- Can I deactivate the highlighting?
- Why is it that certain documents are sometimes not displayed in the result list?
- Can I sort the result list?
- What happens if I click on the star icon?
- What are XP documents?
- Can I save my query?

Related links

**Result list**

Select all  Compact  Export ( CSV | XLS )

6 results found in the Worldwide database for: **txt = morrish and pd = 2012** using Smart search

Sort by  Sort order

1. METHOD AND APPARATUS FOR DIGITAL CONTROL OF A SWITCHING REGULATOR					
★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
DJENGUERIAN ALEX B [US] <b>MORRISH</b> ANDREW J [US] (+2)	POWER INTEGRATIONS INC [US]	H02M2001/0025 H02M3/33515	H02M3/335	US2012218788 (A1) <b>2012</b> -08-30	2005-08-26
2. METHOD AND APPARATUS TO LIMIT MAXIMUM SWITCH CURRENT IN A SWITCHING POWER SUPPLY					
★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
DJENGUERIAN ALEX B [US] <b>MORRISH</b> ANDREW J [US]	POWER INTEGRATIONS INC [US]	H02M1/32 H02M2001/0009 H02M2001/0038 (+1)	H02M3/335	US2012081930 (A1) <b>2012</b> -04-05 US8325498 (B2) <b>2012</b> -12-04	2005-07-08
3. Method for the treatment of biogas					
★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
<b>MORRISH</b> IAN [GB] TURNER RICHARD [GB]	VIRIDOR WASTE MAN LTD [GB]	C10L3/101	C10L3/10	EP2457982 (A1) <b>2012</b> -05-30	2010-11-25
4. MOUNT FOR RECEIVING A SHEET ITEM					
★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
<b>MORRISH</b> MARK [GB] <b>MORRISH</b> JOHN [GB]	<b>MORRISH</b> MARK [GB] <b>MORRISH</b> JOHN [GB]	B42D1/10 B42F5/00	B42D1/10 B42D5/04	WO2012056235 (A1) <b>2012</b> -05-03	2010-10-27

## Advanced search

- Smart search
- Advanced search**
- Classification search

### Quick help

- [How many search terms can I enter per field?](#)
- [How do I enter words from the title or abstract?](#)
- [How do I enter words from the description or claims?](#)
- [Can I use truncation/wildcards?](#)
- [How do I enter publication, application, priority and NPL reference numbers?](#)
- [How do I enter the names of persons and organisations?](#)
- [What is the difference between the IPC and the CPC?](#)
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### Related links

Select the collection you want to search in

Worldwide - collection of published applications from 90+ countries

### Enter your search terms - CTRL-ENTER expands the field you are in

Enter keywords in English

Title:  plastic and bicycle

Title or abstract:  hair

Enter numbers with or without country code

Publication number:  WO2008014520

Application number:  DE19971031696

Priority number:  WO1995US15925

Enter one or more dates or date ranges

Publication date:  yyyyymmdd

Enter name of one or more persons/organisations

Applicant(s):  Institut Pasteur

Inventor(s):  Smith

Enter one or more classification symbols

Cooperative Patent Classification (CPC):

# CLASSIFICATION - CPC

- Starting in January 2013 - the Bi-lateral classification system for the USPTO and the EPO.

## **Cooperative Patent Classification system (CPC)**

- Useful at the start of the search! Find the class for your document
  
- For more information see:
  - [www.cooperativepatentclassification.org](http://www.cooperativepatentclassification.org)



- Smart search
- Advanced search
- Classification search**

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**Selected classifications**

nothing selected

## Cooperative Patent Classification

Search for   View section **Index** | A | B | C | D | E | F | G | H | Y

       [...] 2000

Symbol	Classification and description	
<input type="checkbox"/> A	HUMAN NECESSITIES	
<input type="checkbox"/> B	PERFORMING OPERATIONS; TRANSPORTING	 
<input type="checkbox"/> C	CHEMISTRY; METALLURGY	 
<input type="checkbox"/> D	TEXTILES; PAPER	
<input type="checkbox"/> E	FIXED CONSTRUCTIONS	
<input type="checkbox"/> F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS	 
<input type="checkbox"/> G	PHYSICS	 
<input type="checkbox"/> H	ELECTRICITY	 
<input type="checkbox"/> Y	GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-SECTIONAL TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS	 

click to open up

## Cooperative Patent Classification

Search for

View section **Index** | [A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [Y](#)

« [H05B](#) [H05B3/00](#) »

Symbol	Classification and description
<input type="checkbox"/> <b>H</b>	<b>ELECTRICITY</b> <input type="button" value="S"/> <input type="button" value="i"/>
<b>H01</b>	
<input type="checkbox"/> <b>H05</b>	<b>ELECTRIC TECHNIQUES NOT OTHERWISE PROVIDED FOR</b>
<input type="checkbox"/> <b>H05B</b>	<b>ELECTRIC HEATING; ELECTRIC LIGHTING NOT OTHERWISE PROVIDED FOR</b> (apparatus for special application, see the relevant places, e.g. A47J, C21, C22, C23, F21, F24, F27) <input type="button" value="S"/> <input type="button" value="i"/>
<b>H05B 1/00 Heating</b>	
<input type="checkbox"/> <b>H05B 1/00</b>	<b>Details of electric heating devices</b>
<input type="checkbox"/> <b>H05B 1/02</b>	Automatic switching arrangements specially adapted to apparatus; { Control of heating devices} (control of temperature in general <a href="#">G05D 23/00</a> ; thermally-actuated switches <a href="#">H01H 37/00</a> )
<input type="checkbox"/> <b>H05B 1/0202</b>	{ Switches}
<input type="checkbox"/> <b>H05B 1/0205</b>	→ { using a fusible material}
<input type="checkbox"/> <b>H05B 1/0208</b>	→ { actuated by the expansion or evaporation of a gas or liquid}
<input type="checkbox"/> <b>H05B 1/0211</b>	→ { using the expansion of an electric conductive liquid}
<input type="checkbox"/> <b>H05B 1/0213</b>	→ { using bimetallic elements}
<input type="checkbox"/> <b>H05B 1/0216</b>	→ { actuated by the expansion of a solid element, e.g. wire or rod}
<input type="checkbox"/> <b>H05B 1/0219</b>	→ { actuated by modification of the magnetic properties of a material}
<input type="checkbox"/> <b>H05B 1/0222</b>	→ { actuated by changing weight, level or centre of gravity}
<input type="checkbox"/> <b>H05B 1/0225</b>	→ { actuated by timers}
<input type="checkbox"/> <b>H05B 1/0227</b>	{ Applications}
<input type="checkbox"/> <b>H05B 1/023</b>	→ { Industrial applications}
<input type="checkbox"/> <b>H05B 1/0233</b>	→ { for semiconductors manufacturing}
<input type="checkbox"/> <b>H05B 1/0236</b>	→ { for vehicles}
<input type="checkbox"/> <b>H05B 1/0238</b>	→ { For seats}
<input type="checkbox"/> <b>H05B 1/0241</b>	→ { For photocopiers}
<input type="checkbox"/> <b>H05B 1/0244</b>	→ { Heating of fluids } ({ <a href="#">H05B 1/0247</a> takes precedence})
<input type="checkbox"/> <b>H05B 1/0247</b>	→ { For chemical processes}

Smart search

Advanced search

**Classification search**

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**Selected classifications**

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- Smart search
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Find patents

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## Cooperative Patent Classification

Search for  Search

View section **Index** | A | B | C | D | E | F | G | H | Y

CPC [...] 2000

« H05B39/00 H05B43/00 »

Symbol	Classification and description
★★★★★	<input type="checkbox"/> <b>H01J 61/00</b> <b>Gas- or vapour-discharge lamps</b> (use for sterilising milk products <a href="#">A23C</a> ; use for medical purposes <a href="#">A61N 5/00</a> ; use for disinfecting water <a href="#">C02F</a> ; use for lighting <a href="#">F21</a> ; {use for advertising <a href="#">G09F</a> }; circuits therefor <a href="#">H05B</a> ; arc lamps with consumable electrodes <a href="#">H05B</a> ; electro-luminescent lamps <a href="#">H05B</a> )
★★★★★	<input type="checkbox"/> <b>H05B 41/00</b> <b>Circuit arrangements or apparatus for igniting or operating discharge lamps</b> ({circuit elements structurally associated with discharge lamps <a href="#">H01J 7/44</a> , <a href="#">H01J 19/78</a> ; discharge lamps per se <a href="#">H01J 61/00</a> to <a href="#">H01J 65/00</a> ; arc lamps with consumable electrodes <a href="#">H05B 31/00</a> ; transformers or chokes for supplying discharge lamps <a href="#">H01F 38/08</a> })
★★★★★	<input type="checkbox"/> <b>Y02B 20/00</b> <b>Energy efficient lighting technologies</b>
★★★★★	<input type="checkbox"/> <b>H01J 5/00</b> <b>Details relating to vessels or to leading-in conductors common to two or more basic types of discharge tubes or lamps</b>
★★★★★	<input type="checkbox"/> <b>H01J 65/00</b> <b>Lamps without any electrode inside the vessel; Lamps with at least one main electrode outside the vessel</b>
★★★★★	<input type="checkbox"/> <b>H01J 9/00</b> <b>Apparatus or processes specially adapted to the manufacture,</b> { installation, removal, maintenance} (manufacture of vessels or containers from metal B21, e.g. <a href="#">B21D 51/00</a> , from glass C03B) <b>of electric discharge tubes, discharge lamps, or parts thereof; Recovery of material from discharge tubes or lamps</b>
★★★★★	<input type="checkbox"/> <b>H05B 33/00</b> <b>Electroluminescent light sources</b> (discharge lamps <a href="#">H01J 61/00</a> to <a href="#">H01J 65/00</a> ; semi-conductor devices with at least one particular jump barrier or surface barrier adapted for light emission <a href="#">H01L 27/15</a> , <a href="#">H01L 33/00</a> ; organic light emitting devices <a href="#">H01L 27/32</a> , <a href="#">H01L 51/50</a> ; lasers <a href="#">H01S 3/00</a> , <a href="#">H01S 5/00</a> ; compositions per se, see the relevant subclasses; { luminescent scales or hands <a href="#">G01D 13/20</a> , <a href="#">G01D 13/28</a> ; luminescent dials <a href="#">G09F 13/20</a> ; conductive layers on isolated substrate <a href="#">H01B 1/00</a> ; solid state image amplifiers <a href="#">H01L 31/14</a> ; electronic gates with electroluminescent elements <a href="#">H03K 17/78</a> ; pulse generation with electroluminescent elements <a href="#">H03K 3/00</a> })

# EPO Internal Search tools

- Main EPO Search tool called "Xfull"
- Search by classification
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- Non-patent literature databases
- Advanced searching possibilities
  - initial automatic "background" search
  - "Combi" search (looks for cited and citing documents)

**XFull (new protocol) - (Standard Function Session)**

File Edit View Options Help

1 Patent Search 2 Non Patent Literature Search 3 Logfile 4 Preview

**Create Set in EPODOC**

Combine with XFile  AND  OR

EC  
**H05B37/02B6R**

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Free Query (EPOQUE Language)

Other Patent Databases

Database	Search query

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**Search in PATENT Target Databases**

English Query  
**(STREET\_LAMP+) OR (STREET\_LIGHT+) OR (PUBLIC W UTILITY) OR (PUBLIC 2W (LIGHT+ OR LAMP+))**

German Query  
**(STRASSENBELEU+ OR STRASSENL+)**

French Query  
**OR LAMPADAIRE?, (2W ECLAIRAGE, PUBLIC), (2W ECLAIRAGE?, RUE?)**

Clear the Fields Facet Search

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Database	SS	Status	Results	Query	Viewed	Comment
EPODOC	1		2872	/EC H05B37/02B6R		<=== Starting Set in EPODOC
TCPAT	> 1		999	*XT (STARTING SET)		TRANSFER SS 1 from EPODOC
	> 2		42	1 NOT FTXT = YES		FAMILIES NOT PRESENT IN FULLTEXT DA...
SPATEN	> 1		5611	*XT (STARTING SET)		TRANSFER SS 1 from EPODOC
	2	Lim SS 1	461	(STREET_LAMP+) OR (STREET_LIGHT+) O...		
TXTAU1		Lim SS 1	1			
TXTC A1		Lim SS 1	8			
TXTEP1		Lim SS 1	23			
TXTGB1		Lim SS 1	7			
TXTJPR		Lim SS 1	0			
TXTJPS		Lim SS 1	3			
TXTJPT		Lim SS 1	2			
TXTLV1		Lim SS 1	11			
TXTUS1		Lim SS 1	1			
TXTUS2		Lim SS 1	48			
TXTUS3		Lim SS 1	59			
TXTUS4		Lim SS 1	36			
TXTUS5		Lim SS 1	5			
TXTW01		Lim SS 1	45			
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WPI		Lim SS 1	97			
EPODOC		Lim SS 1	112			
SPATDE	> 1		226	*XT (STARTING SET)		TRANSFER SS 1 from EPODOC
	2	Lim SS 1	24	(STRASSENBELEU+ OR STRASSENL+)		
TXTAT1		Lim SS 1	0			
TXTBEG		Lim SS 1	0			
TXTCHG		Lim SS 1	0			
TXTDE1		Lim SS 1	17			
TXTEPG		Lim SS 1	3			
TXTWOG		Lim SS 1	4			
SPATFR	> 1		55	*XT (STARTING SET)		TRANSFER SS 1 from EPODOC
	2	Lim SS 1	8	OR LAMPADAIRE?, (2W ECLAIRAGE, PUBLI...		
TXTBEF		Lim SS 1	0			
TXTCAF		Lim SS 1	0			
TXTCHF		Lim SS 1	0			
TXTEPF		Lim SS 1	2			
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← English Databases

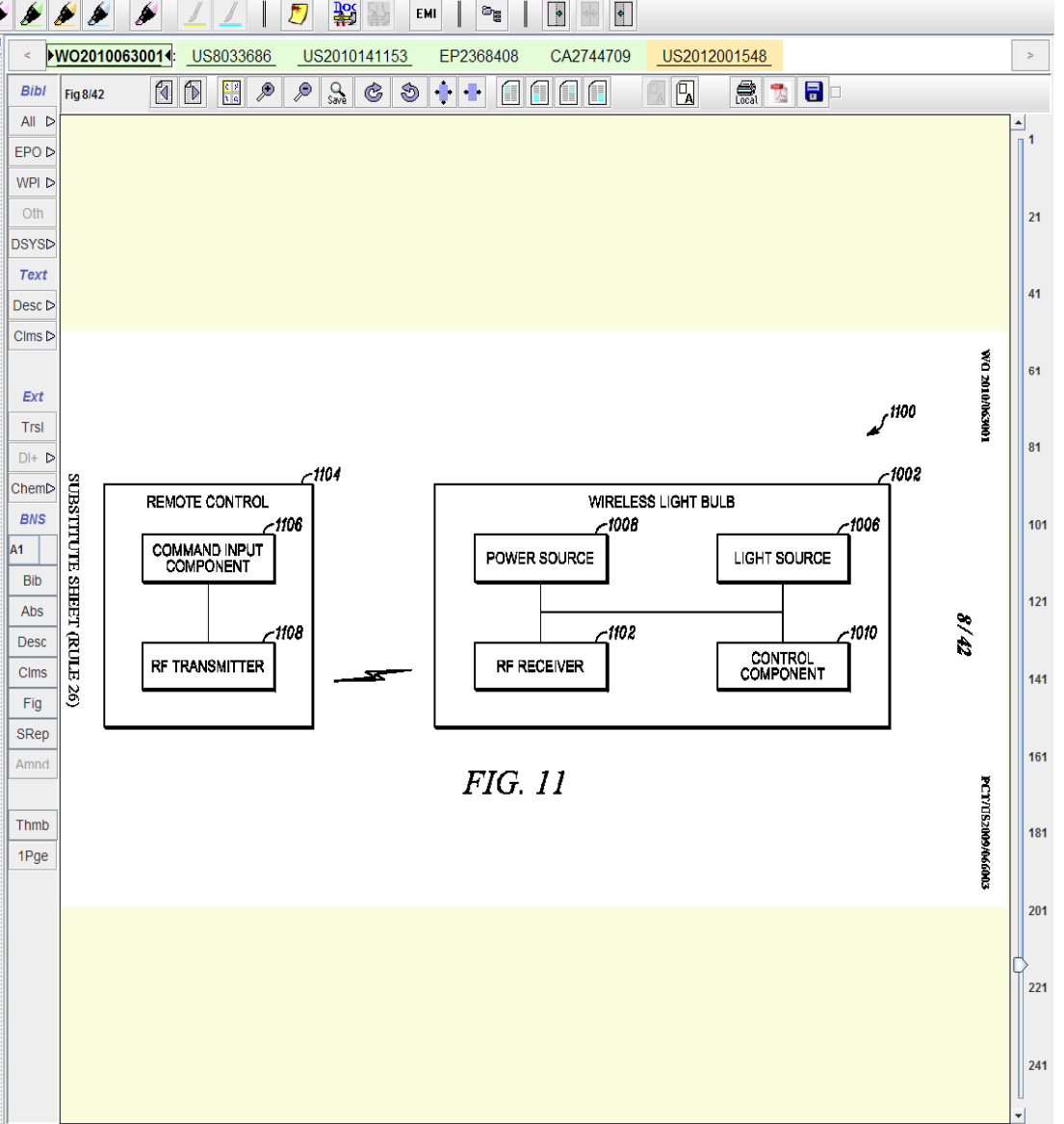
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[00233] In one use case, the design is a par30 motion sensor wireless light bulb or a 6" recessed fixture motion sensor wireless light bulb. They are installed in office space in 50 different locations in addition the lighting that is installed. Software running on a computer allows a security guard to communicate with and receive status from the wireless light bulbs. When a wireless light bulb detects motion, it sends a message to the security guard's computer that motion has been detected and which bulb has detected the motion (i.e. the location where the motion is). The security guard receives a message or an alarm that motion has been detected in one of 50 locations which may provide an indication of a security issue or that someone is not where they are supposed to be. In some embodiments, a software application may send an e-mail, XML message or any other type of message to provide alerts to the end user based on the message received from a wireless light bulb or wireless lighting module. In some cases, a software application may store in memory or a database a record of the motion detections over time. In an alternate use case, the wireless light bulbs record a statistic called "number of motion detections since last read". A software application can read that statistic from each wireless light bulb and determine how to most efficiently use the lighting by time of day and usage profile. It can be used not only to control lighting but for occupancy studies in building management, used to record the flow of traffic past a certain point, and the like. In one possible use, the sensor may not control lighting, but is used for the information provided by the sensor in addition to the light that is used for illumination.



# Summary

- Use
  - [www.epo.org](http://www.epo.org)  
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- Use the European Patent Register to:
  - find a European application, PCT
  - to read the communications written by the EPO examiner
- Use Espacenet
  - to find documents worldwide
  - to check CPC classification

**Thank you very much for your time.**

**Any Questions?**

Ian Morrish  
Examiner

February 2013

