

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2009/055874

A. CLASSIFICATION OF SUBJECT MATTER

INV. H05B33/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 19 491 A1 (TOSHIBA LIGHTING & TECHNOLOGY [JP]) 25 July 2002 (2002-07-25)	1-2,6, 8-11, 14-15, 18-19, 21, 23-25,29
Y	paragraphs [0055], [0083], [0098], [0101], [0105], [0108]; figures 1,3,7	7,16,20, 28
X	US 2008/018261 A1 (KASTNER MARK A [US]) 24 January 2008 (2008-01-24)	1-7,9, 12-15, 17-19, 23-29
	paragraphs [0043], [0047], [0069]; figures 7, 8,12 ----- -/--	

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

7 December 2009

Date of mailing of the international search report

22/12/2009

Name and mailing address of the ISA/

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 2008/316781 A1 (LIU KWANG-HWA [US]) 25 December 2008 (2008-12-25) abstract	1-2, 6-16, 18-20, 23-25, 28-29
X,P	WO 2009/055821 A1 (LIGHTING SCIENCE GROUP CORP [US]; BURDALSKI ROBERT J [US]; SUNDELL STE) 30 April 2009 (2009-04-30)	1-2, 6-15, 18-19, 23-25,28
Y,P	abstract	16,29
Y	JP 2007 103232 A (SHINKO DENSO CO LTD) 19 April 2007 (2007-04-19) figures 1-6	7,16,20, 28-29

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2009/055874

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10119491	A1	25-07-2002	JP 2001313423_A	09-11-2001
US 2008018261	A1	24-01-2008	NONE	
US 2008316781	A1	25-12-2008	NONE	
WO 2009055821	A1	30-04-2009	NONE	
JP 2007103232	A	19-04-2007	NONE	