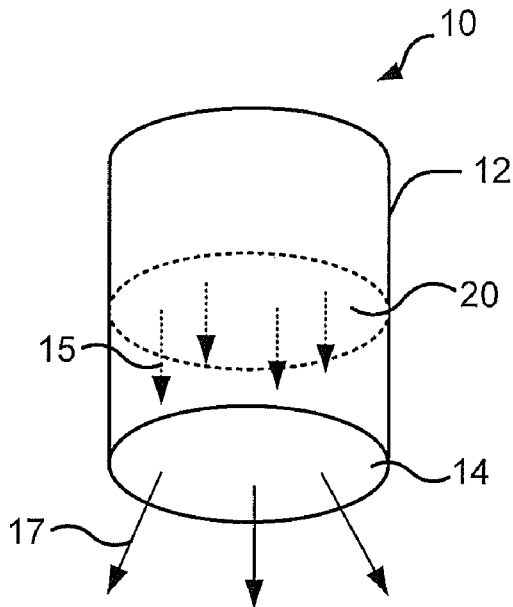




- (51) International Patent Classification: **H05B 37/00** (2006.01)
- (21) International Application Number: PCT/US2010/048225
- (22) International Filing Date: 9 September 2010 (09.09.2010)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 12/566,142 24 September 2009 (24.09.2009) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: SOLID STATE LIGHTING APPARATUS WITH CONFIGURABLE SHUNTS



(57) Abstract: A solid state lighting apparatus according to some embodiments includes a circuit including a plurality of light emitting devices, and a configurable shunt configured to bypass at least some current around at least one light emitting device of the plurality of light emitting devices. The configurable shunt may include, for example, a tunable resistor, a fuse, a switch, a thermistor, and/or a variable resistor.

FIGURE 1A

WO 2011/037752 A3

Published:

— *with international search report (Art. 21(3))*

(88) Date of publication of the international search report:

27 March 2014

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2010/048225

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - H05B 37/00 (2010.01) USPC - 315/193 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) IPC(8) - H05B 37/00, 39/00, 41/00 (2010.01) USPC - 257/88-89; 315/72-75, 185R, 193, 291, 307-12, 324; 362/231, 249.06, 545, 800 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 practicable, search terms used) MicroPatent, Google Patents, Google Scholar		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 7,213,940 B1 (VAN DE VEN et al) 08 May 2007 (08.05.2007) see document	1-9, 11-16, 19-22 and 27-29
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Y		10, 17-18, and 23-26
Y	US 6,630,801 B2 (SCHUURMANS) 07 October 2003 (07.10.2003) see document	10 and 23-26
Y	US 2008/0309255 A1 (MYERS et al) 18 December 2008 (18.12.2008) see document	17-18
A	US 7,535,180 B2 (NEGLEY et al) 19 May 2009 (19.05.2009) see document	1-29
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A	US 2009/0160363 A1 (NEGLEY et al) 25 June 2009 (25.06.2009) see document	1-29
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Date of the actual completion of the international search 27 October 2010		Date of mailing of the international search report 04 NOV 2010
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