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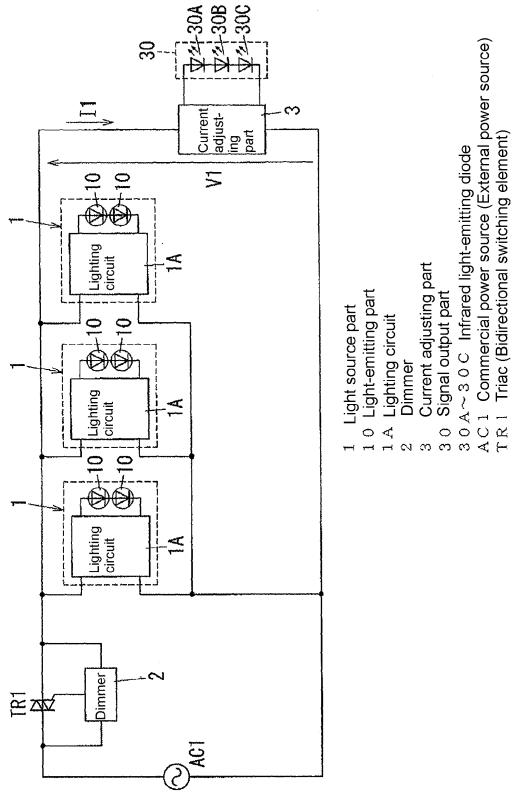
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(54) Illumination fixture

(57) [Object] To provide an illumination fixture capable of reducing power loss and improving convenience of a lighting control operation.

[Means for Settlement] There are provided a plurality of light source parts 1 each including a light-emitting diode 10, a triac TR1 serially connected to a commercial power source AC1, a dimmer 2 for controlling the triac TR1 to make a conduction angle of a power source voltage of the commercial power source AC1 variable, and a current adjusting part 3 for keeping a holding current flowing through the triac TR1 to be a certain value or larger in a conductive period of the triac TR1, and the current adjusting part 3 includes a resistor R13 that is connected to each of the light source parts 1 in parallel when the power source voltage of the commercial power source AC1 falls below a predetermined threshold value, and is released in connection to each of the light source parts 1 when the power source voltage of the commercial power source AC1 exceeds the predetermined threshold value, and a signal outputting part 30 for outputting a signal to an external device according to an input current I1 inputted to the current adjusting part 3.

Figure 1



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EUROPEAN SEARCH REPORT

Application Number
EP 12 15 9966

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	RAND D ET AL: "Issues, Models and Solutions for Triac Modulated Phase Dimming of LED Lamps", POWER ELECTRONICS SPECIALISTS CONFERENCE, 2007. PESC 2007. IEEE, IEEE, PISCATAWAY, NJ, USA, 17 June 2007 (2007-06-17), pages 1398-1404, XP031218489, ISBN: 978-1-4244-0654-8 * page 1402, right-hand column, paragraph 3 - page 1404, left-hand column, paragraph 2; figures 1, 10-12 *	1-5	INV. H05B33/08
A	US 2007/182338 A1 (SHTEYNBERG ANATOLY [US] ET AL) 9 August 2007 (2007-08-09) * page 2, paragraph 17 - page 4, paragraph 26; figures 7, 8, 10, 11 * * page 5, paragraph 47 - page 6, paragraph 55 * * page 7, paragraph 59 - page 9, paragraph 80 * * page 10 - page 11, paragraph 87 *	1-5	TECHNICAL FIELDS SEARCHED (IPC) H05B F21K F21V
A	US 2010/289428 A1 (FRAZIER JOSEPH E [US] ET AL) 18 November 2010 (2010-11-18) * page 5, paragraphs 53, 54 *	1-5	

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	6 May 2014	Brosa, Anna-Maria

CATEGORY OF CITED DOCUMENTS

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EPO FORM 1503 03.82 (P04C01)

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