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(71) Applicant: **Panasonic Corporation**
Osaka 571-8501 (JP)

(72) Inventors:
• **Kado, Yoshikazu**
Suita, Osaka (JP)
• **Kumada, Kazuhiro**
Himeji, Hyogo (JP)
• **Nagata, Satoru**
Osaka 540-6207 (JP)
• **Nishimoto, Kazuhiro**
Kashirhara, Nara (JP)

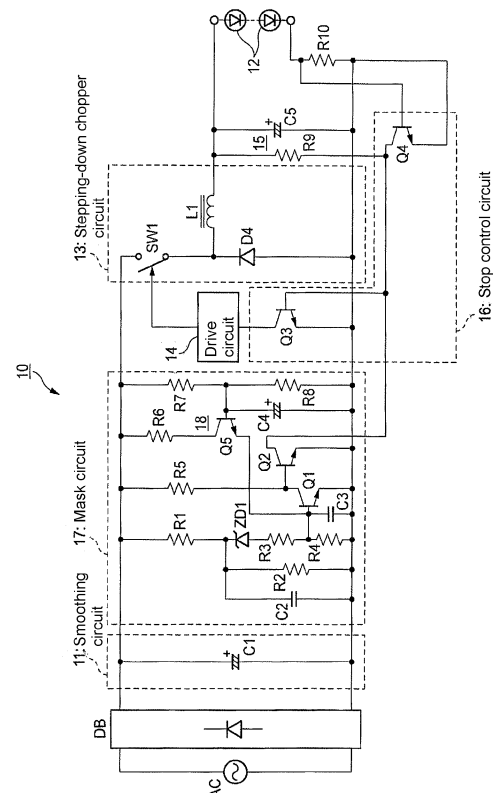
(74) Representative: **Rüger, Barthelt & Abel**
Webergasse 3
73728 Esslingen (DE)

(54) **LED power source device**

(57) [Object] To provide an LED power source device able to prevent an excessive current to an LED.

[Means for Settlement] An LED power source device 10 includes: a rectifier DB; an output power source adjustment circuit 13 for supplying electric power to an LED 12; a drive circuit 14; a stop control circuit 16 for judging existence and nonexistence of the LED 12 by detecting an electric current flowing to the LED 12 and for operating to stop the drive circuit 14 upon detection of the nonexistence of the LED 12; and a mask circuit 17 for monitoring the voltage after the rectification to control the stop control circuit 16, wherein in the case where the voltage after the rectification is a predetermined value or less of the mask circuit 17, the operation of the stop control circuit 16 is not prohibited.

Fig. 1





EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (IPC)
			H05B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 27 May 2014	Examiner Benedetti, Gabriele
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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