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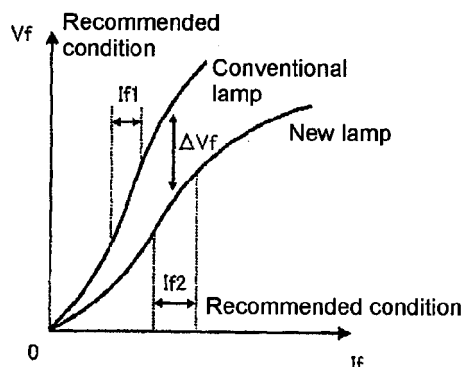
(54)

Discharge lamp lighting device and illumination fixture

(57) [Object] A plurality of lamps having compatible electrical characteristics and considerably different rated power can be lit by using a common lighting device.
 [Means for Settlement] In a discharge lamp lighting device capable of lighting plural types of discharge lamps with different recommended conditions of precedent preheating for filament and determining the type of a discharge lamp by detecting a voltage at both ends of the filament within a period of precedent preheating time, a

higher current value included in the recommended conditions is used for a preheating current in the detection and an output is set to be applicable to rated power of a determined discharge lamp. A preheating current in the detection is also set to generate a discharge between electrodes in the periphery of a filament within a period of precedent preheating time if a discharge lamp with lower criteria of the recommended conditions is fitted.

Fig. 1





EUROPEAN SEARCH REPORT

Application Number
EP 09 15 6082

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 5 November 2014	Examiner Durucan, Emrullah
CATEGORY OF CITED DOCUMENTS		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	
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			

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ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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The members are as contained in the European Patent Office EDP file on
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05-11-2014

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