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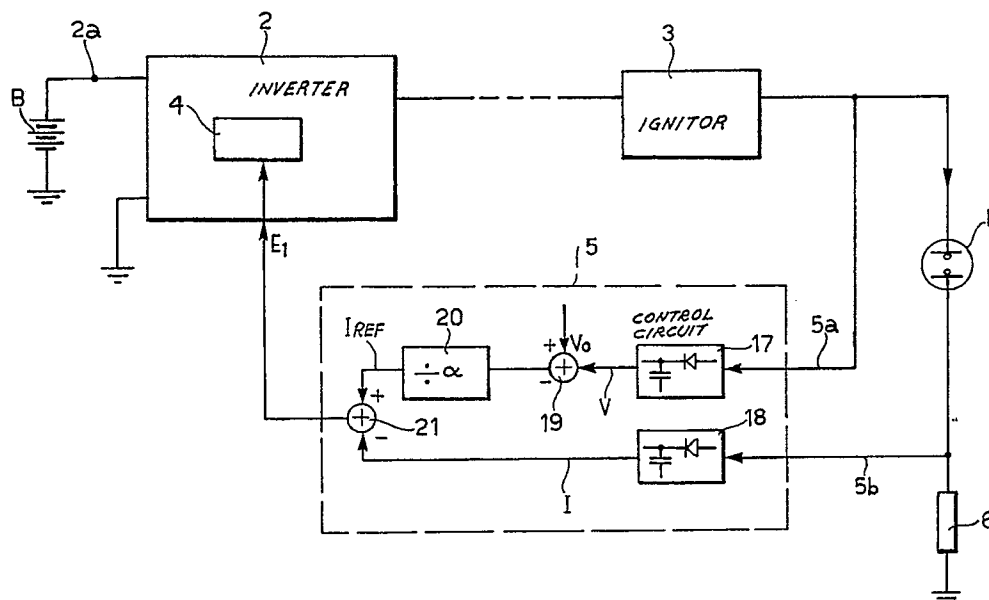
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(54) **A device for supplying power to gas-discharge lamps for use in motor vehicles.**

(57) The device includes an inverter (2) with an input (2a) for connection to the battery (B) of the vehicle and an output (2b) for connection to a lamp (L) by means of an ignitor (3). The inverter (2) includes a regulator (4) which is adapted to modify a characteristic, for example the frequency, of the current supplied to the lamp (L) in operation.

The device also includes a feedback control circuit (5) for monitoring the electrical power supplied to the lamp (L) and for generating and supplying to the regulator (4) of the inverter (2) a signal for causing a substantially constant power to be supplied to the lamp (L).

FIG. 3**EP 0 429 402 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 90 83 0461

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	WO-A-8 809 108 (ROBERT BOSCH) * page 3, line 20 - page 6, line 4; figures 1, 2 * - - -	1,2,4,5	H 05 B 41/392
X,P	EP-A-0 350 104 (N.A. PHILIPS) * column 2, line 31 - column 3, line 2; figures 1, 2 * - - -	1,2	
X	EP-A-0 265 237 (VALOR) * column 4, line 28 - column 6, line 32 ** abstract; figures 4, 5 * - - - - -	1-3	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 05 B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 28 May 91	Examiner SPEISER P.
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			