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 DESIGNATION

 DESIGNA
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- 54 Discharge tube.
- A discharge tube having a pair of opposite electrode assemblies disposed in a discharge space (6) defined by a peripheral wall and charged with gas, and an a.c. source (11) connected at one end to one of the pair of electrode assemblies and at the other end to the other of the electrode assemblies, each of said opposite electrode assemblies comprising a sintered metallic electrode (2) for emitting electrons and a filament electrode (3) disposed closely adjacent to the sintered metallic electrode (2), for emitting thermoelectrons, and the sintered metallic electrode and the filament electrode being electrically connected in parallel by means of the associated lead wires (8).

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EUROPEAN SEARCH REPORT

EP 90 30 0190

Category		h indication, where appropriate, vant passages		elevant o claim	CLASSIFICATION OF THE APPLICATION (Int. CI.5)
Υ	US-A-2 314 134 (H. EKNA * Page 2, left-hand column, column, line 42; figure 1 *		1,5	i,7	H 01 J 61/92 H 01 J 61/067
A Y	PATENT ABSTRACTS OF 8th July 1982, page 1001; & JP-A-57 50 760 (MATSUS		8,1 177), 1,5		
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Α	WO-A-8 704 562 (SIDEFA * Page 4, lines 8-35; figure 1	•	8		
					TECHNICAL FIELDS SEARCHED (Int. Cl.5)
					H 01 J
	The present search report has t	peen drawn up for all claims			
	Place of search	Date of completion of s	earch		Examiner
		06 March 91			
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same catagory A: technological background		UMENTS	E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons		
0: P:	non-written disclosure intermediate document theory or principle underlying the in	vention	&: member of document	the same	patent family, corresponding