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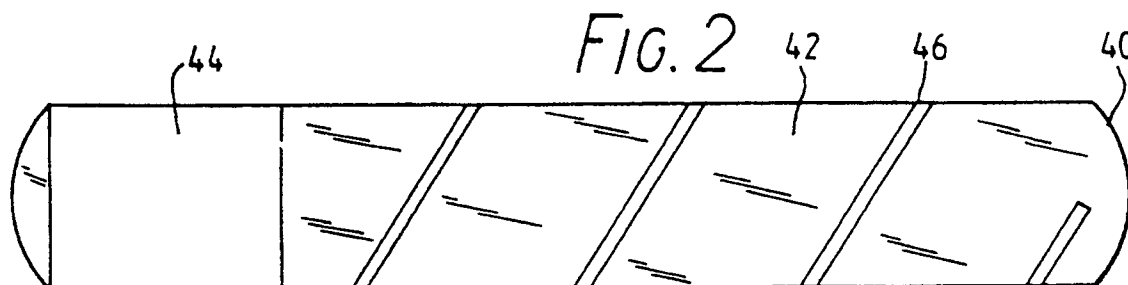
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54 **A discharge tube arrangement.**

57 A discharge tube arrangement comprising a discharge tube (20) containing a fill (24) and a launcher (22) suitable, when energised with radio frequency (r.f.) power, for exciting surface waves in the discharge tube (20). A part of the external surface of the discharge tube is coated with an electrically conductive material (44) to form the inner tube (26) of the launcher (22).



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EUROPEAN SEARCH REPORT

Application Number

EP 91 30 0253

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)
Y	DE-A-3 518 299 (GERLACH) * Column 1, lines 37-57; column 2, lines 16-24; fig. *	1-3,5-7	H 01 J 65/04
D,Y	US-A-4 792 725 (LEVY) * Column 1, line 12 - column 3, line 13; column 3, line 50 - column 5, line 22; figures 1-3 *	1-3,5-7	
P,A	EP-A-0 373 928 (THORN EMI) * Page 2, lines 1-22; page 4, lines 40-46; page 6, lines 42-53; figures 1,4,15 *	1-8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-06-1991	Examiner GREISER N.
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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