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(54)Method of making plasma display apparatus

(57)The invention relates to a method of making a plasma display apparatus which comprises the steps of forming a plurality of first electrodes on one of a plurality of dielectric substrates to extend in one direction; forming a plurality of second electrodes on the other substrate to extend in another direction perpendicular to said one direction; forming a ridge on at least one of said substrates to define a plurality of pixel areas; and providing a fluorescent material in said pixel areas, the improvement in which a relief corresponding to said ridge is fabricated by the steps of:

providing a plurality of dielectric layers on the substrates so that at least one surface of an unpatterned first dielectric layer of a dielectric composition comprising an organic polymer comes in contact with a patterned second dielectric layer of a dielectric composition comprising an organic polymer, a solvent and a dispersibility changing agent, thereby forming an assembly;

partially drying the assembly under a certain heating condition to diffuse a desired pattern from the surface of the second dielectric layer containing the dispersibility changing agent into the interior of the first dielectric layer; and

developing the assembly to remove the second dielectric layer and the area of the first dielectric layer patterned by diffusion.

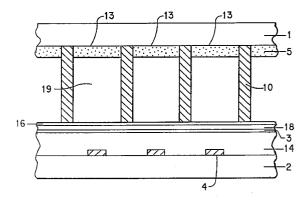


FIG.1



EUROPEAN SEARCH REPORT

Application Number EP 96 11 2109

Category	Citation of document with indicati of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Х	WO-A-91 06118 (DU PONT) * abstract; figures 1,2 * page 5, line 11 - pag * claims 1,2 *	*	1	H01J17/49
A	FR-A-2 668 634 (SAMSUNG DEVICES) 30 April 1992 * abstract * * page 4, line 5 - page figures 2,3 *		1	
A	EP-A-0 382 260 (DAINIPE 16 August 1990 * claim 1; figures 1,2, * column 4, line 47 - c * column 8, line 32 - c	.7,8 * column 5, line 14 *	1	
				TECHNICAL FIELDS
				SEARCHED (Int.Cl.6)
	The present search report has been di	awn up for all claims		
Place of search		Date of completion of the search		Examiner
THE HAGUE		7 October 1996	ctober 1996 Grei	
Y: par doc	CATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with another cument of the same category hnological background	T: theory or princi E: earlier patent do after the filing D: document cited L: document cited	ocument, but published in the application for other reasons	olished on, or n