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(54) **Passivation layer for ceramic based charge plates.**

(57) A charge plate structure for use in a continuous ink jet printer is provided with a protective layer of adhesively bonded polyimide film. The charge plate is fabricated by forming a substrate having charging electrodes along one edge and corresponding conductive leads on one surface. The surface of the charge plate is precleaned and the polyimide film is laminated thereto by means of heat and pressure. The resulting charge plate exhibits improved adhesion and protection from ink.

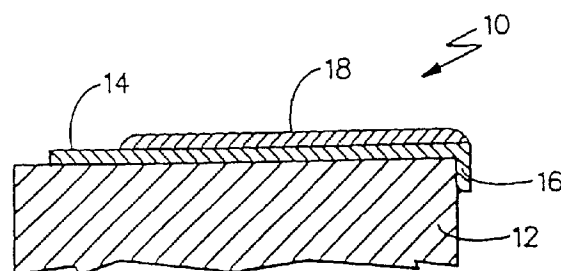


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

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EP 94 30 1322

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	EP-A-0 153 436 (CONTRAVES GMBH) * page 7, line 3 - page 8, line 9; claims 1,3; figures 1-4 *	1,4,7	B41J2/085
Y	---	5,6	
Y	EP-A-0 132 972 (EASTMAN KODAK COMPANY) * abstract * * page 18, line 18 - page 19, line 6; figure 11 *	1,2,4,7	
Y	--- PATENT ABSTRACTS OF JAPAN vol. 15, no. 502 (E-1147) 18 December 1991 & JP-A-03 218 630 (MATSUSHITA ELECTRIC WORKS LTD) 26 September 1991 * abstract *	1,2,4,7	
D,Y	--- US-A-4 560 991 (W.L.SCHUTRUM) * abstract; claim 1 *	6	
Y	--- US-A-4 419 674 (S.K.BAHL ET AL.) * column 4, line 21 - line 24 *	5	
A	--- EP-A-0 201 835 (EASTMAN KODAK COMPANY) * page 2, line 17 - line 35; figure 1 * -----	1,4,7	<div>TECHNICAL FIELDS SEARCHED (Int.Cl.5)</div> <div>B41J</div>
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 2 February 1995	Examiner Ducreau, F
<div>CATEGORY OF CITED DOCUMENTS</div> <div> 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 </div> <div> 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 </div>			

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