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(54) **Methods for processing printed substrates.**

(57) Methods for processing substrates (12) printed with an ink layer (14) having a non-planar surface topography, eg curved ink droplets, to produce a composite laminate (10) and the composite laminates produced thereby are disclosed. A printed substrate (12) is laminated to a transparent film (18) using an intermediate adhesive layer (16). During lamination processing, the adhesive layer (16) conforms to the surface topography of the printed ink layer (14), while the conformation of the printed ink layer remains substantially unchanged. The lamination processing methods are especially suitable for processing light transmissive substrates (12), such as transparencies, printed with phase change color inks (14) to produce composite laminates that project clear, color saturated images upon overhead projection.

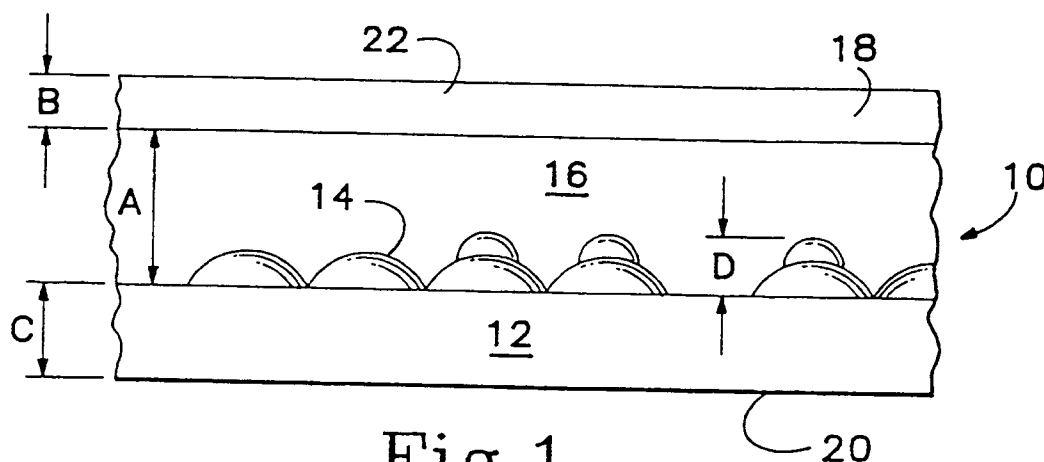


Fig. 1



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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 92305286.4
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D, A	<u>US - A - 4 853 706</u> (VAN BRIMER) * Column 5, lines 33-60 * --	1-4, 9	B 41 M 7/00 B 41 J 2/01
P, A	<u>EP - A - 0 435 675</u> (TEKTRONIX) * Abstract * --	1-5, 9	
A	<u>US - A - 5 009 530</u> (KUZUYA) * Fig. 9; claims * --	1-5, 8, 9	
A	<u>EP - A - 0 221 552</u> (HOWTEK) * Totality * --	1, 9	
A	<u>EP - A - 0 148 276</u> (SONY CORP.) * Totality * ----	1-5, 9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5) B 41 M B 41 J B 41 F G 01 D
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 26-01-1993	Examiner WITTMANN
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			