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(54) Composite sheet or ribbon, particularly for printing with thermal sublimation dyes

(57) A composite sheet or ribbon, particularly for printing with thermal sublimation dyes, comprising a supporting layer (11) onto which, at least on one side, a bonded paper-aluminum element (13) is glued by using an adhesive (12) with the paper side facing outwards, the paper side being printed with thermal sublimation dyes, the melting temperature of the adhesive (12) being lower than the sublimation temperature of the dyes.

The composite sheet or ribbon (10) is brought to the melting temperature of the adhesive and the supporting layer (11) is separated from both of the bonded alumi-

num-paper elements (13) by mechanical means.

The bonded aluminum-paper elements (13) thus released from the supporting layer (11) can be usefully used to wrap, by using the plastic adaptability characteristics of aluminum, the object onto which the dyes are to be sublimed.

Said object, once it has been wrapped by the corresponding bonded aluminum-paper element (13), must be brought to the sublimation temperature (around 140° and 220 ° Celsius).

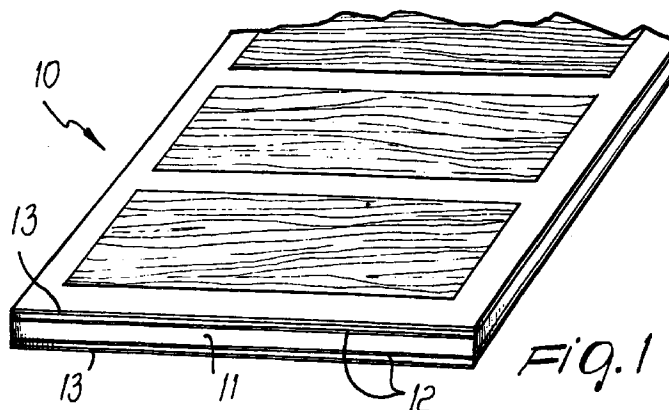


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 96 10 8844

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.6)
Y	CHEMICAL ABSTRACTS, vol. 94, no. 24, 15 June 1981 Columbus, Ohio, US; abstract no. 193813, TOPPAN PRINTING CO., LTD., JAPAN: "Method for thermal transfer" XP002041632 * abstract * & JP 56 002 187 A (TOPPAN PRINTING CO., LTD., JAPAN) ---	1-7	B41M5/035 B41M5/40
Y	EP 0 451 067 A (CLAVEAU JEAN NOEL) 9 October 1991 * column 1, line 33 - column 2, line 24 * * column 3, line 7 - column 4, line 18 * ---	1-7	
A	WO 84 04496 A (MODULEX AS) 22 November 1984 * page 2, line 21 - page 3, line 10 * * page 4, line 23 - page 7, line 3 * * figures 1,2 * -----	1,4,6,7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25 September 1997	Examiner Markham, R
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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