

12

EUROPEAN PATENT APPLICATION

21 Application number: **88311003.3**

51 Int. Cl.⁵: **B44C 1/17**

22 Date of filing: **21.11.88**

30 Priority: **21.11.87 JP 294709/87**

43 Date of publication of application:
31.05.89 Bulletin 89/22

84 Designated Contracting States:
DE ES FR IT

89 Date of deferred publication of the search report:
28.11.90 Bulletin 90/48

71 Applicant: **HONDA GIKEN KOGYO KABUSHIKI KAISHA**
1-1, 2-chome Minami-Aoyama
Minato-ku Tokyo(JP)

72 Inventor: **Yugami, Ryoichi**
26-507, Shinsayama Heights, 63, Oaza Aoyagi
Sayama-shi, Saitama-ken(JP)
Inventor: **Ebisawa, Hiroo**
158-13, Oaza Koyata, Iruma-shi
Saitama-ken(JP)
Inventor: **Tanaka, Tetsuharu**
3-5-11-108, Sakae-cho,
Asaka-shi, Saitama-Ken(JP)
Inventor: **Kitayama, Hiromi**
2-13-14-306, Chuo,
Kamifukuoka-shi, Saitama-ken(JP)

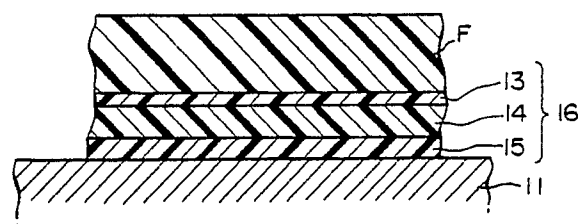
74 Representative: **Davies, Christopher Robert et al**
Frank B. Dehn & Co. Imperial House 15-19
Kingsway
London WC2B 6UZ(GB)

54 **A method for coloring a solid object and the coloring film used in that method.**

57 The present invention relates to a method for coloring a solid object and the coloring film used therein. The present method for coloring a solid object is essentially composed of the steps of: (a) preparing a coloring film having a base film(f) of a pliant material, a coloring layer (14) laid on the base film and an adhesive layer (15) laid on the coloring layer; (b) fitting the coloring film onto the solid object (11) so that the adhesive layer adheres to the outside surface of the solid object; (c) removing the base film from the coloring layer so that the coloring layer remains on the outside surface of the solid object adhering thereto; and (d) performing a hardening treatment on the coloring layer. The present invention also specifies a coloring film which is essentially composed of (a) a base film of a pliant material; (b) an peelable layer detachably adhering

to the base film; (c) a coloring layer laid on the peelable layer including coloring material therein for representing a predetermined pattern; and (d) an adhesive layer laid on the coloring layer.

FIG.2





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 88 31 1003

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.4)
X	JAPANESE PATENT OFFICE, FILE SUPPLIER JAPS; & JP-A-56 066 845 (SHIRAISHI SHUHEI) * Whole abstract *	1-3,7,8 ,12,36, 39-41	B 44 C 1/17
A	JAPANESE PATENT OFFICE, FILE SUPPLIER JAPS; & JP-A-55 152 091 (DAINIPPON PRINTING CO., LTD) * Whole abstract *	1-3	
A	EP-A-0 319 583 (DAI NIPPON) * Claims *	1-3	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 44 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10-09-1990	Examiner LEDER M.
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	