

Title (en)  
Method of decorating an article by sublimation

Title (de)  
Verfahren zur Dekoration von Gegenständen durch Sublimation

Title (fr)  
Procédé de décoration d'un article par sublimation

Publication  
**EP 0722843 A1 19960724 (FR)**

Application  
**EP 96100006 A 19960102**

Priority  
FR 9500684 A 19950116

Abstract (en)  
The procedure, consists of preparing a decorative complex (5) which is then attached to the article being decorated by means of adhesive or hot moulding. The decoration is transferred by printing with a sublimable ink on the first surface of a layer of plastic (1), which is then covered with a transparent coating (2) of a material which can be reticulated. The coating is then hardened to increase its resistance to creep and its thermal stability before covering with a second layer of plastic (3). The transparent coating (2) is selected from varnish, pigment-free silk-screen printing ink, adhesive coatings or reactive glues, or films of thermoplastic or thermo-setting material. The coating is applied in a liquid or very slightly viscous form by curtain, spray gun, roller or silk-screen printing, and it is hardened by heating, UV irradiation or infra-red irradiation. Plastics suitable for the coating include, for example, ABS, acrylonitrile styrenes, mixed or not with thermoplastic urethane elastomer, styrene copolymers such as styrene and maleic anhydride copolymer, or polybutadiene terephthalates.

Abstract (fr)  
L'invention se rapporte à un procédé de décoration d'un article par la méthode d'impression d'encre sublimables. Le procédé consiste à préparer un complexe décoré (5) qui comprend une première étape au cours de laquelle on effectue le transfert d'un décor par sublimation sur la première face d'une première couche de matière plastique ; et une seconde étape au cours de laquelle on procède au recouvrement de ladite première face par un revêtement transparent (2) en matière réticulable et enfin une troisième étape où l'on procède au durcissement par réticulation dudit revêtement (2) pour améliorer sa résistance au fluage et sa stabilité thermique. Application à la décoration des skis, surfs ou planches à roulettes.  
<IMAGE>

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IPC 8 full level  
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Citation (applicant)  
• FR 2620974 A1 19890331 - SALOMON SA [FR]  
• FR 2620975 A1 19890331 - SALOMON SA [FR]  
• EP 0421140 A2 19910410 - NORTECH CHEMIE [DE], et al  
• EP 0625433 A2 19941123 - ILCAM SPA [IT]  
• CH 542042 A 19730930 - GEISER AG TENTA WERKE [CH]  
• EP 0033776 A2 19810819 - CP COMPONENTS GMBH [DE]  
• JP S55114589 A 19800903 - SUMITOMO CHEMICAL CO

Citation (search report)  
• [XY] EP 0421140 A2 19910410 - NORTECH CHEMIE [DE], et al  
• [X] EP 0625433 A2 19941123 - ILCAM SPA [IT]  
• [Y] CH 542042 A 19730930 - GEISER AG TENTA WERKE [CH]  
• [Y] EP 0033776 A2 19810819 - CP COMPONENTS GMBH [DE]  
• [X] DATABASE WPI Derwent World Patents Index; AN 80-74275, XP002002273

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