

Title (en)

Method and apparatus for forming a color pattern on the surface of an apparel accessory item using a laser beam

Title (de)

Methode und Vorrichtung zum Erzeugen eines farbigen Musters auf einem Kleidungszubehör mittels Laserstrahlung

Title (fr)

Procédé et appareil pour former un motif coloré sur un accessoire de vêtement avec un faisceau de laser

Publication

EP 1279460 A1 20030129 (EN)

Application

EP 01306468 A 20010727

Priority

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Abstract (en)

A method of forming a two colour pattern, such as a logo, text or a symbol, on a zip fastener slider. The slider is coated with a first layer 201 of acrylic spray paint of a first colour. A second layer 202 of acrylic spray paint of a different colour is then applied on top of the first layer 201. The slider is then placed under a laser head 205, and the pattern is marked out onto the top paint layer 202. The power and speed of the laser head is controlled to remove only the top paint layer 202, so that the bottom layer 201 becomes visible underneath. Since the marking is a heated process, it produces a sealed edge 208 which gives the pattern durability during washing and dry cleaning. <IMAGE>

IPC 1-7

B23K 26/00; **B23K 26/40**; **A44B 19/26**; **B44C 1/22**

IPC 8 full level

A44B 19/26 (2006.01); **B44C 1/22** (2006.01)

CPC (source: EP)

A44B 19/262 (2013.01); **B44C 1/228** (2013.01)

Citation (search report)

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