

Vilko Žiljak, Jana Žiljak Vujić, Klaudio Pap, Ivana Žiljak Stanimirović

Infra-antiterrorist uniform

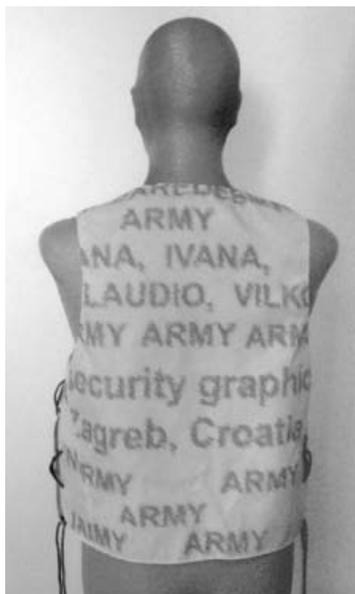
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Infra marking the antiterrorist uniform

Infra camouflage language



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THE CITY OF ZAGREB - CITY OFFICE FOR ECONOMY, LABOUR AND ENTERPRISING
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INFRAREDESIGN® ANTITERRORIST UNIFORM DUAL DESIGN ON TEXTILE AND LEATHER

Patent protected: P20100201A, P20100451A

Description of invention

Infra marking the antiterrorist camouflage uniform

Recognition of hidden information in antiterrorist uniforms

A new approach is applied in the production of uniforms or camouflage samples and patterns for military equipment by maintaining the duality of hiding. This is first promotion of Infraredesign® Camouflage Uniform (IRCU) method for designing textile and leather width infrared hidden technology. Various uniform products have preset double design: one visible to the human eye, and the other visible in the near infrared spectrum hidden to the human eyes.

Duality in application made on different kinds of camouflage uniform is achieved on our INFRAREDESIGN® theory by resolving and controlling specific colorimetric characteristics, technology that involves dyes properties in infrared spectrum, gloss, thickness, leather surface smoothness and roughness. Thus the goal was reached for incorporating of invisible information into a visible image uniform products, easily detected with simple near infrared camera detection.

Advantages of the innovation

Brand new possibilities are created comprising secrecy, invisibility, provocativeness and curiosity. Each camouflage uniforms product has two stories: the visible and the invisible one that may or may not be linked. The visible-invisible pair can preset full individuality, i.e. product uniqueness, and this is an improvement in the military and fashion industry. The dual quality is detected with cameras for viewing in the near infrared spectrum. This method allows the highest possible level of protection against textile and leather product brand copying and the production of camouflage uniforms.

Infra brand language

Industrial applications

MARKING with invisible information

IRCU method can have a wide range of application in marking and tagging individuals so as to recognize one's own forces in battle activities, in unfavorable meteorological conditions, during rapid movements of formations and in situations when intruders are mixed with our own people to avoid the so-called friendly fire. It may also be applied in protecting facilities of special significance, civil or military, against the enemy or other uninvited persons unwanted passing through document, clothing or footwear identification that is ordinarily carried and worn by authorized personnel. In this way the product can be branded, individualized, designed and protected in a fully innovative manner.

Abstract

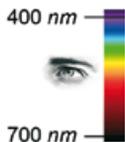
Infraredesign® Camouflage Uniform is a new security method for designing textile and leather with infrared hidden information. Uniform products have preset double art design: one visible to the human eye, and the other visible in the near infrared spectrum.

Infra Art, Infra antiterrorist uniform

Infra hidden information in antiterrorist uniforms

Infra security language





www.infraredesign.net
www.ziljak.hr
e-mail: vilko@ziljak.hr
tel: +385 91 1812 946



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