

Technology Profiles

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Innovative waterproof shoulder bag that can be transformed in a lifejacket. (12 GR 49R2 3OSL)

A Greek engineer has developed a waterproof shoulder bag to protect valuables (keys, money, mobile phone) from theft during swimming, which can also be converted into a lifejacket. It is distinctive, compact and can allow the use of mobile phone or other electronic devices during swimming. Licensing agreement with SMEs active in clothing and related accessories is sought.

Country: Greece **Type:** OFFER **Date:** 12.04.2012

A Greek engineer has developed a waterproof shoulder bag to protect valuables (keys, money, mobile phone) from theft during swimming.

The bag is divided into two parts: One part is placed in or next to a bag that closes with two corrosion-resistant rails which are fastened between two thumb screws, so that the inflow of water is practically impossible. The second part of the system is a folded lifejacket containing carbon dioxide filled cartridge as well as its trigger mechanism. The mechanism connects the cartridge (which is screwed on) with the inner part of the lifejacket through an enclosed air-tight hole. The activation is done by pulling the cord which in turn pushes a piston that pierces the cartridge passing through the mechanism of the air inside the lifejacket. The bag closes with a film which allows easy and convenient release of the lifejacket.

The bag features also an adjustable strap and safety clasp.

Innovative Aspects:

The innovative bag offers a series of advantages to swimmers:

- Safe storage of valuable personal items (such as mobile phone, keys, money etc) keeping them secure from the risk of theft while the user is away from the shore.
- Ability to use stored electronic devices (mobile phone or music player) while in the water, since the bag features waterproof jack plug for headphone cable.
- The bag can easily be converted to a lifejacket under emergency situations.

Degree of development:

Patents/Rights: Patent(s) granted

Requested Cooperation: License Agreement

- Type of partner sought: SMEs

- Specific area of activity of the partner:

Production of clothing and related accessories.

- Task to be performed by the partner sought:

Apply and test the system, exploit further commercially through licensing agreement.

Type of Organisation:

Status: NEW

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