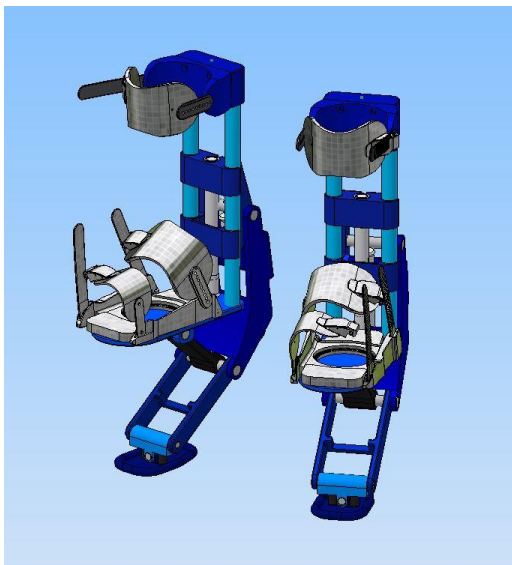


## Safe jump shoe that can stand still

Jumping, bouncing, fun sport

### DESCRIPTION OF THE PRODUCT



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The innovative jump shoe is a sports device for leisure time and far more than a simple running shoe, which should make jogging more comfortable. It was designed to make the jumping, or rather the landing, safer, without giving up the jump height and thus the fun factor. The jumping tips are optimized with regard to their manageability as well as the costs

for the use by children and adolescents. It is also possible to increase the jumping abilities for sporty use, for example in the fun sporting style "Powerbocking".

However, the innovative leapfrog not only significantly increases the risk of damage, but also makes it possible to stop. That was previously impossible with such sports equipment.

### APPLICATIONS

This sports and leisure device is not only differentiated by the needs of children or more experienced athletes, but also allows the use in different environments in modified versions.

The "Streetart" model is optimally designed for use on asphalt, whereas "indoor" can also be used in halls without damaging the sensitive floors. Also an outdoor variant for the terrain was developed under the name "Joyful".

### AT A GLANCE ...

#### APPLICATIONS

Leisure, games and sports

#### MARKET / INDUSTRY

- Sports shoe manufacturer
- Flyjumper and Powerjumper producers
- Game vehicle manufacturers

#### UNIQUE SELLING FEATURES

- Stability and balance
- Safe crop up
- Compact design
- Trampoline effect

#### STATE OF DEVELOPMENT

- ✓ Demonstrator
- Further steps: A function prototype is currently being built



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#### PATENT STATUS

Priority application filed in December 2016 in DE

REFERENCE No.: **SP-KMU 1493**

## ADVANTAGES OVER PRIOR ART

Maintaining equilibrium when standing (complete standstill) requires no constant movement with the feet. This allows the floor balancing element.

Intelligent lever mechanics make the advent of a larger height safer than conventional.

The jumpers are not so bulky towards the back and therefore more compact.

The spring material is rubber and has a softer spring characteristic as a fever glass or a plastic spring. The trampoline effect is thereby given.

## STAND OF PRODUCT DEVELOPMENT

A demonstrator is already available and a functional prototype is designed and currently under construction.

## MARKET POTENTIAL

The main users are young people and adults between 15 and 25 years of age. And their purchasing power is great as never before. As early as 2013, young people between the ages of 12 and 19 had an average of € 2773 per year ("Bravo" study) and the corresponding sectors, such as the sports retail trade, continued to grow.

## COOPERATION OPPORTUNITIES

On behalf of the inventor, TransMIT GmbH searches for cooperation partners or licensees for sales / production.

A TECHNOLOGY

GRANT-AIDED BY



REFERENCE No.: **SP-KMU 1493**

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