

## Protecting intangible assets: the invention that predicts heart attacks

Spika Tech, a pioneer in the development of technological solutions that improve the efficiency and competitiveness of companies and entities in sectors such as healthcare and robotics, has developed an innovative technology capable of **predicting a heart attack** early enough for the user to receive medical attention as quickly as possible.

Specifically, we are talking about **VR-CARDIO**, an invention that consists of a vest equipped with sensors that measure the voltage of the skin and transform it into information about the currents circulating through the heart.

Using its own advanced algorithms, this system reconstructs electrical activity in high resolution (up to 4,000 points) on the heart's surface. The result is displayed in an immersive virtual/augmented reality interface, providing clinicians with a **detailed 3D map of the heart's electrical activity**.

In this way, VR-CARDIO provides a solution to the problem of diagnosing and monitoring complex arrhythmias more safely, quickly, and accessibly, enabling electrophysiological mapping even outside the operating room, in outpatient clinics, mobile units, training, etc.

The main advantage of this invention lies in its **non-invasive nature**, as it does not require catheters to be inserted into the patient's body to capture electrical signals.

In addition, the ability to view the signals in three dimensions using a 360° stereoscopic holographic display facilitates better understanding and analysis of cardiac signals.

A technological advance of this magnitude does not end at the moment of its development; to generate a real impact and enhance the business model, it must also be **adequately protected by patent**. In this context, **Intellectual Property** becomes an essential strategic ally, capable of transforming a disruptive innovation into a **solid, secure, and highly competitive intangible business asset for the company**.

## The importance of patenting for business success

The issuance of the intention to grant the **European patent** for **VR-CARDIO** marks a strategic milestone on this path. This achievement not only officially recognizes the **novelty and inventive character** of its technology, but also provides Spika Tech with essential legal protection in the market. This result has been made possible thanks to the hard work and dedication of our team of **European patent attorneys**.

Thanks to this protection, Spika Tech can confidently move forward with the commercialization of its VR-Cardio technology, attract investment with greater guarantees, and strengthen its credibility with entities, institutions, and strategic partners.

The patent also provides a **decisive competitive advantage**, ensuring that its pioneering approach to cardiovascular disease prevention cannot be replicated without authorization.

In short, this patent not only supports the scientific and technological value of VR-CARDIO, but is also a source of **pride for the UNGRIA team** in its work to protect our clients' intangible assets.

### Comprehensive patent consulting

At **UNGRIA**, we have **European patent attorneys** who can help and advise you on the best protection strategy for your specific case and field of technology.

Do you want to secure the value of your technology? Contact us and we will advise you every step of the way.

**CONTACT US**

Europe | U.S.A | Argentina | Brazil | Mexico

Disclaimer: Please note that the present communication is of a general nature. It is not intended as legal advice and does not create an attorney-client relationship. No warranty of any kind is given with respect to the subject matter included herein or the completeness or accuracy of this note and no responsibility is assumed for any actions (or lack thereof) taken as a result of relying on or in any way using information contained in this note. In no event shall we be liable for any damages resulting from reliance on or use of this information. Any analysis regarding or related to the developments indicated above needs to be applied to a case in particular and consulted or verified with local counsel in each jurisdiction.