

## **MICROWAVE RESONATOR FOR NONINVASIVE MONITORING BLOOD GLUCOSE SYSTEM**

### **DESCRIPTION OF THE INVENTION**

It is a resonator circuit that measures the relative impedance of the biological tissue on which it is placed. Figure 1 illustrates this invention.

Using this device the level of blood glucose can be determined.

### **SECTORS OF COMMERCIAL APLICATION**

Medical Devices and Pharmaceutical Sectors.

### **THECHNICAL ADVANTAGES AND COMMERCIAL BENEFITS**

The main technical advantages of this noninvasive system to determine the level of blood glucose over other options currently available are:

- The use of tongue as biological tissue to be monitored
- The working frequency range
- The signal processing performed

From the business point of view it is interesting to its low cost, which can make it very competitive in the market

### **TECHNOLOGY DEVELOPMENT LEVEL**

It is has been developed at laboratory phase.

### **INTELLECTUAL PROPERTY RIGHTS**

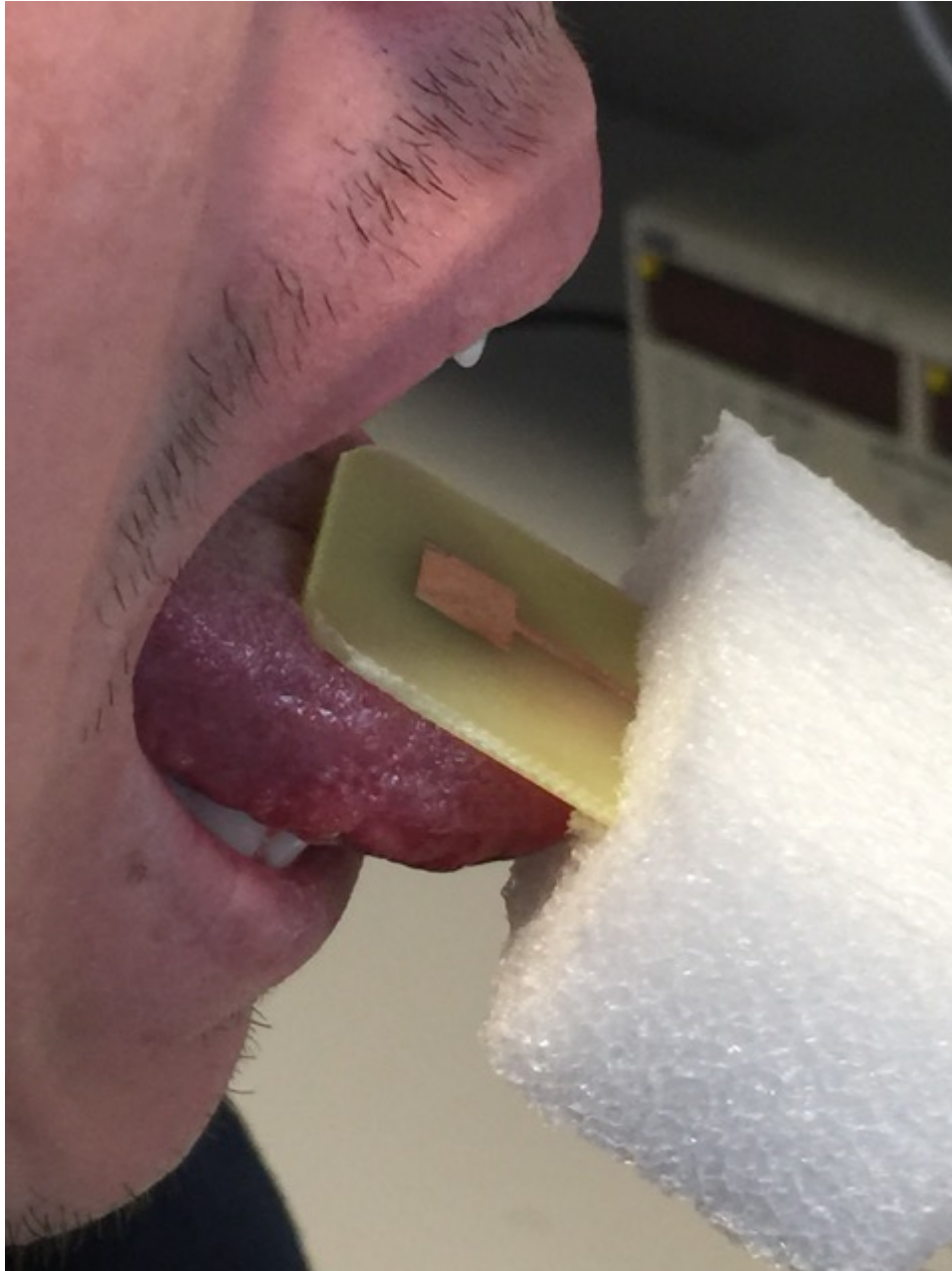
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### **COLABORATION SEARCH**

License Agreement with interested companies for the exploitation of the technology

### **RELATED PICTURES**

**FIGURE 1**



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