

ZEROGRAVITY 3D

TECHNOLOGY DESCRIPTION

Industrial inspection is a field where accurate and fast systems are particularly important to achieve high quality is incomplete or requires mechanical handling, with the associated problems (hiding of some faces, increase of the inspection time, adaptation to each manufactured part, etc.), costs and delays.

ZeroGravity3D is an inspection system that applies Machine Vision to quality control. It is an industrial solution easy to integrate in production processes, capturing images of an object from number of cameras while the part is in free fall.

The The whole volume of the object is reconstructed in 3D in real time. Then, any deviation is efficiently detected and the part is accepted or rejected.

Among the applications of the system, we can highlight: Industrial inspection for quality control of products of any size, dimensional or surface control, fast acquisition of 3D measurements from real parts, etc., everything with low maintenance costs and high throughput.

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APLICACION BUSINESS SECTORS

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Application sectors: Food Industry, Packaging, Electronics, Automotive Industry, Pharmaceutical Industry, Plastic Industry, Others.

CURRENT STAGE OF THE TECHNOLOGY

Prototype in phase of industrialization and first sales of licenses.

INTELLECTUAL PROPERTY RIGHTS

Patent protected in the USA and Europe.

COLLABORATION SOUGHT

Companies interested in the following forms of cooperation:

- Agreement patent license for implementation and use of technology.
- Agreement for the development of the R & D (technical cooperation) to complete the development of technology, or application to other sectors.

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RELATED IMÁGES



CONTACT DATA

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