

BIOCIDE PRODUCT: SILVER COATED GLASS BEADS FOR WATER TREATMENT

DESCRIPTION OF THE INVENTION

The present invention relates to a biocide product for the disinfection of water. The product is based on the disinfection ability of silver. There are several applications for such a product, it could be included in a filter or in a water installation, for example a water tap. The main objective of the inventions is to deliver a purified and sterilised water. The main embodiment of the innovation is focused in glass beads covered with silver, this silver, the product

has excellent lixiviation properties which will benefit the release of the biocide agent. The main technical areas in which this innovation could have an impact are the medical field with emphasis in hospitals, where the bacteria need to be controlled to avoid dispersion. The invention could also be impactful in areas at risk of infection or contagion where water needs to be disinfected.

BUSINESS APLICATION SECTORS

The main application sectors for the technology would be the medical field, hospital, schools and for domestic use. As the main advantage of the innovation is the disinfection of water, the technology could be applied anywhere with population at risk of infection or immune deprived.

TECHNICAL ADVANTAGES AND BUSINESS BENEFITS

-) The solution is normally applied at user level. i.e. it could be applied where the water is currently needed with no need to apply it in the whole water grid.
-) The technology is flexible and could be adapted to different applications or uses as it could fit in a myriad of container types.
-) In specific installations the technology could be applied only in places identified as critical. Therefore, it would be more economically favourable

DEVELOPMENT STATUS OF THE TECHNOLOGY

The manufacturing method is developed, industrial scale needs to be evaluated. The technology is looking for other sectors where it could be applied

INDUSTRIAL PROPERTY RIGHTS

Spanish Utility Model: U202030264

Asociación de investigación de las industrias cerámicas AICE.

“PRODUCTO BIOCIDA CON CAPACIDAD BACTERICIDA, DISPOSITIVO QUE LA CONTIENE Y SU USO EN LA DESINFECCIÓN DE AGUA”

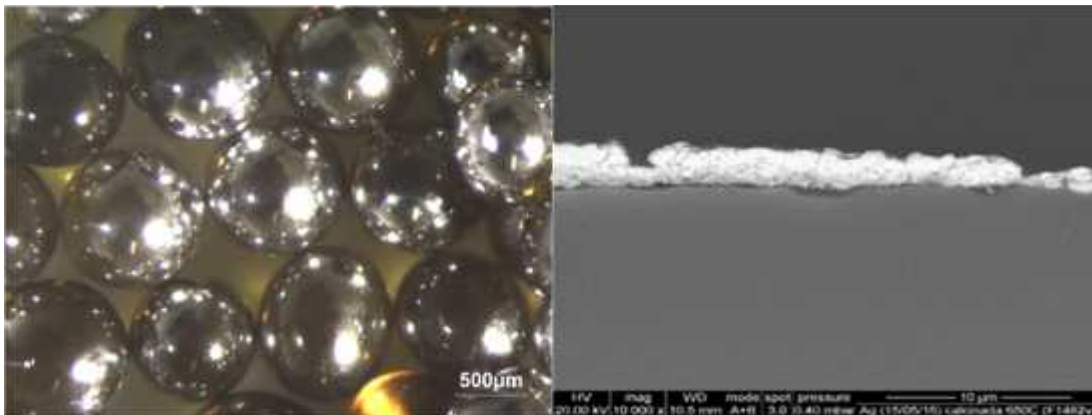
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COLLABORATION SOUGHT

We are looking for companies interested in the following types of collaboration:

- I+D Development agreement for the application of this technology in other fields
- Licensing of the technology for the manufacturing of the invention

RELATED IMAGES



CONTACT DETAILS

Alberto Moreno de la Horra
ITC (Instituto de Tecnología Cerámica)
Campus Universitario Riu Sec
Avda. de Vicent Sos Baynat s/n
12006 Castellón
T. +34 96 434 24 24
F. +34 96 434 24 25
Email : otri@itc.uji.es
Web: <http://www.itc.uji.es>