

## ISOTOPICALLY LABELLED MATERIALS FOR DEGRADATION DETECTION

### DESCRIPTION OF THE INVENTION

The present invention relates to an isotopically marked material comprising a functional synthetic polymer and optionally a functional additive and to its use in the detection of material contamination or

degradation or wear, preferably when said material is an industrial material, a space material or a prosthetic material.

### APPLICATION BUSINESS SECTORS

The developed technology shows applications in diverse sectors, especially for the following sectors:

- Space materials applications
- Prosthetic materials applications

### TECHNICAL ADVANTAGES AND BUSINESS BENEFITS

The developed technology allows the unambiguous detection of material contamination or degradation or wear.

### STATUS DEVELOPED OF THE TECHNOLOGY

The technology is completely developed but it has to be adapted to the different final applications.

### INTELLECTUAL PROPERTY RIGHTS

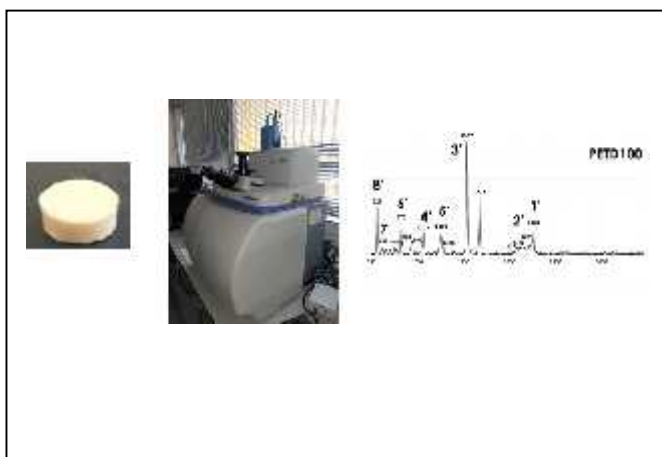
This technology is protected through the patent: *Isotopically labelled materials for degradation detection* **EP 3 587 482 A1**

### COLLABORATION SOUGHT

Companies interested in the following systems of cooperation:

- Agreement about patent license to implementation and to use of technology.
- Agreement about Research & Development projects (technical cooperation) to apply technology in different sectors.

### RELATED IMAGES





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### CONTACT DETAILS

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