TECNOLOGÍA PATENTADA

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RESUMEN

VENTAJAS Y ASPECTOS INNOVADORES

MAIN ADVANTAGES

- Generates a high volume of mesoporosity (up to 300% from initial porosity of original POM salt).
- Allows an homogeneous distribution of porosity within the solid matrix core.
- Reduces use of noble metals.
- Environment friendly.

INNOVATIVE ASPECTS

- New catalysts synthesis technique.
- Allows an easy control of volume, size and number of porous.

APLICACIONES DE LA OFERTA

The synthesis of new mesoporous solid based on POM has a great interest in sectors such as chemistry and chemical technology, as they provide a writeable surface where it is easy to control the functionality and the incorporation of catalysts (based on nanoparticles: noble metals and metal oxides). Moreover, they are more economical and environmentally less harmful.

COLABORACIÓN BUSCADA

The research group is looking for companies interested in acquiring this technology for its commercial exploitation.

- Type of partner sought: industries.
- Specific area of activity of the partner: catalysts synthesis, petrochemical, fine chemical, pharmacy…
- Task to be performed: technology licensing.