

# NOBLE METAL-FREE CERIA-BASED DIESEL SOOT COMBUSTION CATALYST

**P** PATENTED TECHNOLOGY

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## ABSTRACT

A new diesel soot combustion catalysts has been developed at the University of Alicante, which consists of high surface area ceria-praseodymia mixed oxide nanoparticles.

This technology is suitable for gas purification in diesel engine exhausts, like vehicles, stationary power generation engines, etc.

The research group is looking for companies interested in the utilization of this technology, either by licensing the patent, transfer of utilization rights, manufacture and commercialisation to third parties, I+D research project, etc.

## TECHNOLOGY ADVANTAGES AND INNOVATIVE ASPECTS

Better/equal activity than Pt catalysts at cheaper prize.

## MARKET APPLICATIONS

This technology is suitable for gas purification in Diesel engine exhausts, like vehicles, stationary power generation engines, etc.

## COLLABORATION SOUGHT

Companies interested in the utilization of this technology, either by licensing the patent, transfer of utilization rights, manufacture and commercialisation to third parties, I+D research project, etc.