

Patent Certificate

About the registration of
Utility Patent No. 20 2025 100 713

Designation:

**A system for the synthesis and characterization of La³⁺-substituted
Co-Zn nanoferrites for ammonia gas sensing**

IPC:
C01G 49/02

Owner/inventor:

Dr. Anilkumar Balajirao Mugutkar, Hingoli, Maharashtra, IN

Date of Registration:
13.02.2025

Date of Grant:
07.03.2025

The President of the German Patent and Trademark Office



Eva Schewior

Munchen, 07.03.2025



Patent Certificate

About the registration of
Utility Patent No. 20 2024 100 855

Designation:

A System and Formation of Structurally Modified Co-Zn-Gd-Nanoferrites for The Detection of Hydrogen Sulfide Gas

IPC:
C01G 1/02

Owner/inventor:

Dr., Mugutkar, Anilkumar Balajirao, Hingoli, Maharashtra, IN

Date of Registration:
23.02.2024

Date of Grant:
11.03.2024

The President of the German Patent and Trademark Office

Eva Schewior

Eva Schewior

Munchen, 11.03.2024

