

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202431005366 A

(19) INDIA

(22) Date of filing of Application :25/01/2024

(43) Publication Date : 02/02/2024

(54) Title of the invention : MITIGATING NITROGEN OXIDE EMISSIONS IN CLOUD DATA CENTERS FOR A GREENER FUTURE

(51) International classification :G06Q0010060000, C10L0010020000, H04W0004380000, H04Q0009000000, C23C0028000000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
 [035] This present invention addresses the escalating environmental impact of cloud data centers by proposing a groundbreaking solution that combines computer science and chemistry. Cloud computing's increasing demand has led to rising energy consumption, greenhouse gas emissions, and environmental pollution. The invention introduces a comprehensive model to control nitrogen oxide emissions from cloud data centers, converting them into ammonia for use in fertilization and household cleaning products. The system promotes environmental sustainability by repurposing harmful emissions, optimizing resources for agriculture, and aligning with global sustainability goals. This interdisciplinary approach showcases the power of collaboration between information technology and chemistry to address pressing environmental challenges, providing a transformative solution at the nexus of technology and environmental conservation. Accompanied Drawings [FIGS. 1-2]

No. of Pages : 19 No. of Claims : 8