(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2023

(21) Application No.202311088968 A
(43) Publication Date : 23/02/2024

(54) Title of the invention : AI-ENHANCED AUTONOMOUS VEHICLE DRIVING CONTROL SYSTEM

(51) International classification	:G05D0001020000, G06N0003040000, B60R0001000000, G01C0021280000, B60W0050000000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
Disclosed herein is an AI-enhanced autonomous vehicle driving control system (100). The system (100) includes a central control unit (102) responsible for data processing and executing AI algorithms, ensuring the overall operation of the vehicle. The system (100) also includes a navigation module (104) that utilizes GPS and mapping data for precise location information, optimizing route planning. Additionally, the system (100) includes a sensors fusion unit (106) that integrates real-time data from various sensors, offering a comprehensive view of vehicle's surroundings. The system (100) also includes a display module (108) that enhances the user experience by presenting information to passengers. Furthermore, the system (100) includes an AI feedback module (110) that gathers real-time data on vehicle performance and user interactions, contributing to the continuous learning and improvement of the system (100).

No. of Pages : 25 No. of Claims : 10