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(57) Abstract :
[042] This invention introduces a paradigm-shifting alternative fuel injection system for internal combustion engines, transcending conventional limitations. The system integrates intelligent sensors and dynamic control algorithms to adapt fuel delivery in real-time, optimizing combustion for enhanced efficiency. Designed to accommodate a diverse array of alternative fuels, the innovation promotes environmental sustainability without compromising performance. Utilizing advanced materials and retrofitting capabilities, the system serves as a comprehensive solution for existing internal combustion engine fleets, offering a bridge to eco-friendly transportation. This forward-looking approach aligns with global sustainability goals, presenting a viable pathway for the evolution of internal combustion engines amidst the urgent need for cleaner and more efficient automotive technologies. Accompanied Drawing [FIGS. 1-2]

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