

(54) Title of the invention : A CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINES UTILIZING FLEXIBLE ALTERNATIVE FUELS AND METHOD THEREOF

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(57) Abstract :

[033] The present invention discloses a control system for internal combustion engines utilizing flexible alternative fuels and method thereof. In the present invention, a comprehensive control system offers several advantages. It ensures engine compatibility with a wide range of alternative fuels, thereby enhancing fuel flexibility. It also optimizes engine performance and efficiency by adjusting combustion parameters based on the fuel type. Lastly, by regulating emissions, it ensures that the use of alternative fuels does not inadvertently lead to increased pollution. Accompanied Drawing [FIGS. 1-2]

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