Title (en)
A SYSTEM FOR TOGGLING BETWEEN RIDE MODES OF A VEHICLE AND METHOD THEREOF

Title (de)
SYSTEM ZUM UMSCHALTEN ZWISCHEN FAHRMODI EINES FAHRZEUGS UND VERFAHREN DAFÜR

Title (fr)
SYSTÈME DE BASCULEMENT ENTRE DES MODES DE COURSE D'UN VÉHICULE ET PROCÉDÉ ASSOCIÉ

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Application
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Abstract (en)
The present invention is directed to a system (100) for toggling between ride modes of a vehicle. The system (100) includes: a start switch (110) to generate a ride mode selection signal; an RPM sensor (120) for measuring speed of an Internal Combustion (IC) engine (130); and a control unit (140) which is coupled with the start switch (110) and the RPM sensor (120). The control unit (140) is configured to: receive the ride mode selection signal from the start switch (110); receive the speed of the engine from the RPM sensor (120); compare the speed of the engine with a predetermined speed of the engine; and control change in ride mode of the vehicle based on the ride mode selection signal if the speed of the engine is greater than the predetermined speed of the engine, thereby allowing the vehicle to toggle between ride modes.

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Citation (search report)
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