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Kim

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(54) **METHOD AND APPARATUS FOR CONTROLLING TORQUE INTERVENTION OF HYBRID ELECTRIC VEHICLE**

2510/0619; B60W 2510/0623; B60W 2510/0652; B60W 2510/068
See application file for complete search history.

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(57) **ABSTRACT**

A method and an apparatus for controlling torque intervention of a hybrid electric vehicle are provided that determine a final engine torque and a final motor torque considering efficiency of a hybrid system. The method includes calculating a demand torque of a driver, determining receipt of a signal of the torque intervention, and calculating the demand torque of the driver on which an intervention torque is reflected. In addition, the method includes calculating first operating points of the engine and the motor considering an efficiency of the hybrid system according to the demand torque of the driver on which the intervention torque is reflected, calculating a final engine torque and a final motor torque according to each of the first operating points of the engine and the motor, and adjusting a torque reduction using the final engine torque and the final motor torque.

13 Claims, 4 Drawing Sheets

