

ABSTRACT

CONTROL DEVICE FOR HYBRID VEHICLES

A control device for a hybrid vehicle having an engine and a motor as driving sources for the vehicle, and when decelerating, the control device stops the fuel supply to the engine and generates energy by regenerative braking. The engine is a cylinder
5 pause-type engine which is capable of switching between the all-cylinder driving state in which all of cylinders are operating, and a cylinder paused driving state in which all of the cylinders are paused, and the control device of the hybrid vehicle comprises a cylinder pause state determination device for determining whether the engine is in the all cylinder driving state or in a cylinder paused driving state and a regeneration amount
10 supplementing device for supplementing the regeneration energy by the motor by use of the increment of the regeneration energy obtained during the cylinder pausing operation than that obtained during all cylinder driving state.



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