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(54) **AUTONOMOUS VEHICLE MAINTENANCE AND REPAIR SYSTEM**

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See application file for complete search history.

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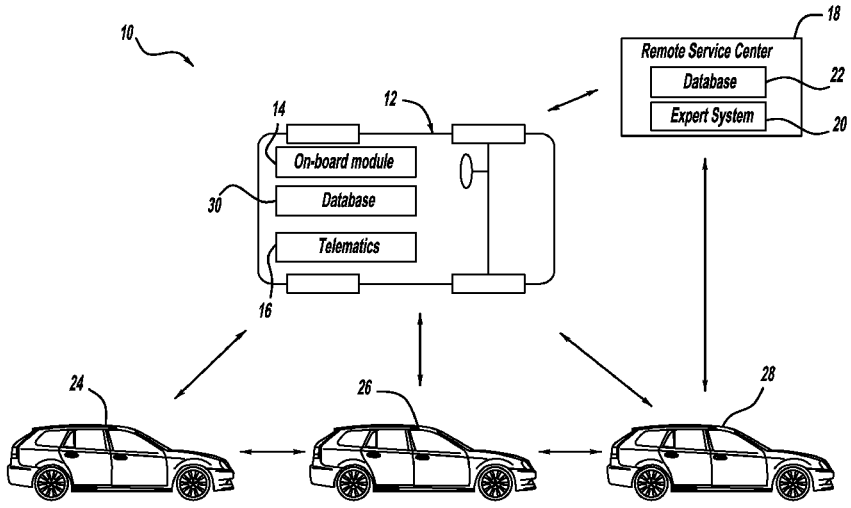
(57) **ABSTRACT**

A system and method for providing autonomous and remote vehicle maintenance and repair. The system employs an on-board diagnosis and prognosis module that monitors one or more vehicle buses to identify trouble codes and other information indicating a vehicle problem. The on-board module causes a telematic device on the vehicle to broadcast a message including a problem code that identifies the problem the vehicle is having. A remote repair center may receive the message and may identify a software upgrade patch associated with the problem that can be transmitted to the vehicle to upgrade its software to correct the problem. Also, the message may be received by another vehicle that is part of a broadcast network that has previously received the software upgrade patch to fix a problem on that vehicle, where the receiving vehicle may transmit the software upgrade patch to the vehicle having the problem.

17 Claims, 1 Drawing Sheet