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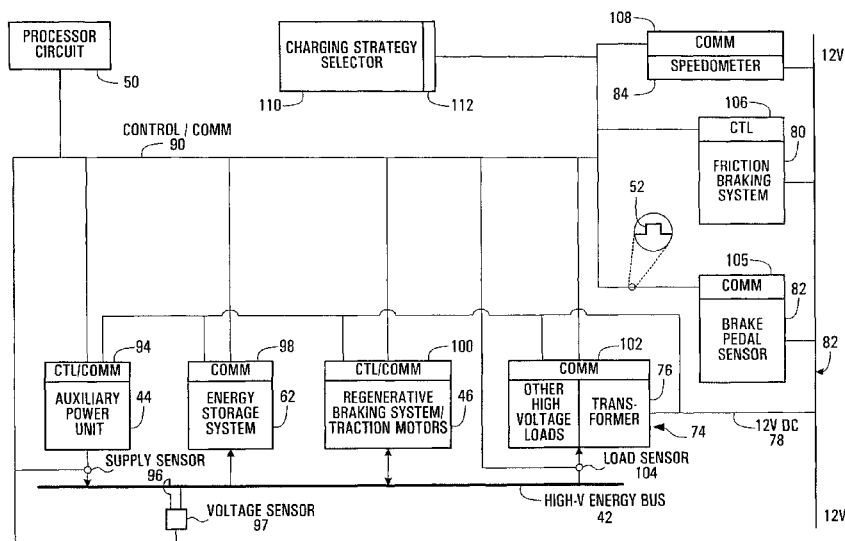
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(54) Title: METHODS OF SUPPLYING ENERGY TO AN ENERGY BUS IN A HYBRID ELECTRIC VEHICLE, AND APPARATUSES, MEDIA AND SIGNALS FOR THE SAME



(57) Abstract: Methods, apparatuses, media and signals for supplying energy to an energy bus in communication with an energy generating device and with a regenerative braking system in a hybrid electric vehicle are disclosed. One such method includes controlling power supplied by the energy generating device to the energy bus, in response to a braking signal indicative of user brake actuation. Another such method involves controlling energy contributions onto the energy bus from the energy generating device and from the regenerative braking system respectively, to prevent the contributions from exceeding a desired total energy contribution. The energy generating device may include an auxiliary power unit, such as fuel cell, or a generator coupled to a prime mover such as an internal combustion engine, for example.



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