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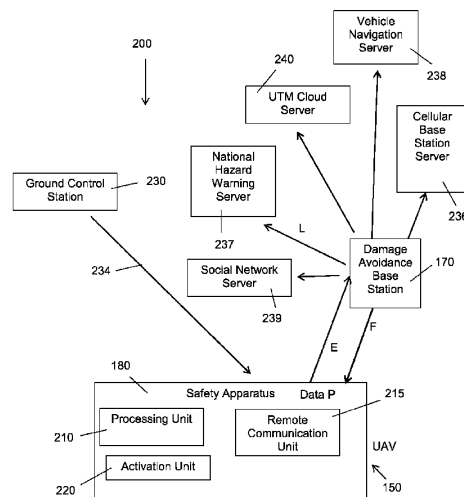
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(54) Title: DAMAGE MITIGATING APPARATUS AND METHOD



(57) Abstract: Damage mitigating apparatus comprises in one embodiment a damage mitigating aerial vehicle that has sensors for detecting flight related characteristics and a communication unit for commanding activation of parachute deploying apparatus and of a lift generator deactivation unit following determination of a flight failure. In one embodiment, an aerial vehicle transmits a critical failure alarm signal to an unmanned aircraft traffic management system (UTM) following detection of the failure, and the UTM transmits a warning signal to neighboring aerial vehicles that are predicted to be in a vicinity of the descent path of the failed aerial vehicle to avoid collision with the failed aerial vehicle. The damage mitigating apparatus facilitates performance of a damage mitigating operation.

Fig. 15