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(54) Title: ADDRESS ALLOCATION IN AIRCRAFT NETWORK

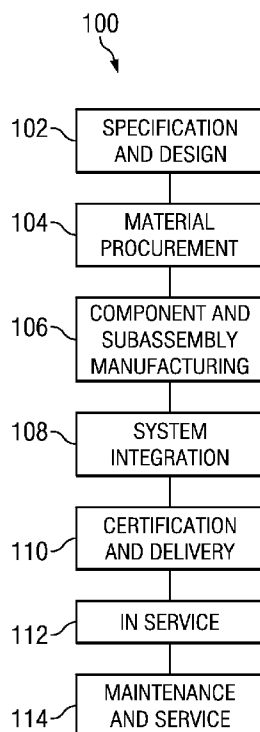


FIG. 1

(57) Abstract: The different advantageous embodiments provide a system and method for transmitting messages. In one advantageous embodiment, a system comprising a number of transceiver units, a first computer system, and a second computer system is provided. The number of transceiver units are configured for use in a cabin of a vehicle, each of the number of transceiver units being configured to receive a number of messages and transmit the number of messages to a subsequent transceiver unit, wherein the subsequent transceiver unit is identified based on a physical position of each of the number of transceiver units to one another. The first computer system is configured for use in the cabin, the first computer system receiving the number of messages on a first number of physical network media and transmitting the number of messages over a first wireless communications link to a first transceiver unit in the number of transceiver units.

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