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(54) Title: SMS COMMUNICATION TO AND FROM MESSAGING DEVICES IN AN AIRCRAFT

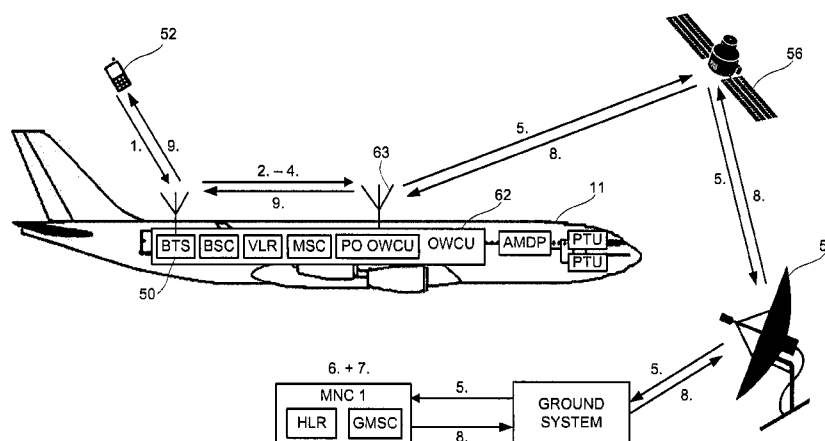


FIG. 7

(57) **Abstract:** The application discloses a message transmission device for transmitting an SMS message of a mobile device from an aircraft to a ground system. The device comprising an onboard antenna which is connected to a base transceiver station for receiving the SMS message from the mobile device, means for forwarding the message to a mobile switching centre onboard the aircraft and means for emulating status messages. Furthermore, the message transmission device comprises means for transferring the status messages to the mobile device, a splitter for splitting the message into data packets and means for transmitting the data packets to the ground system.