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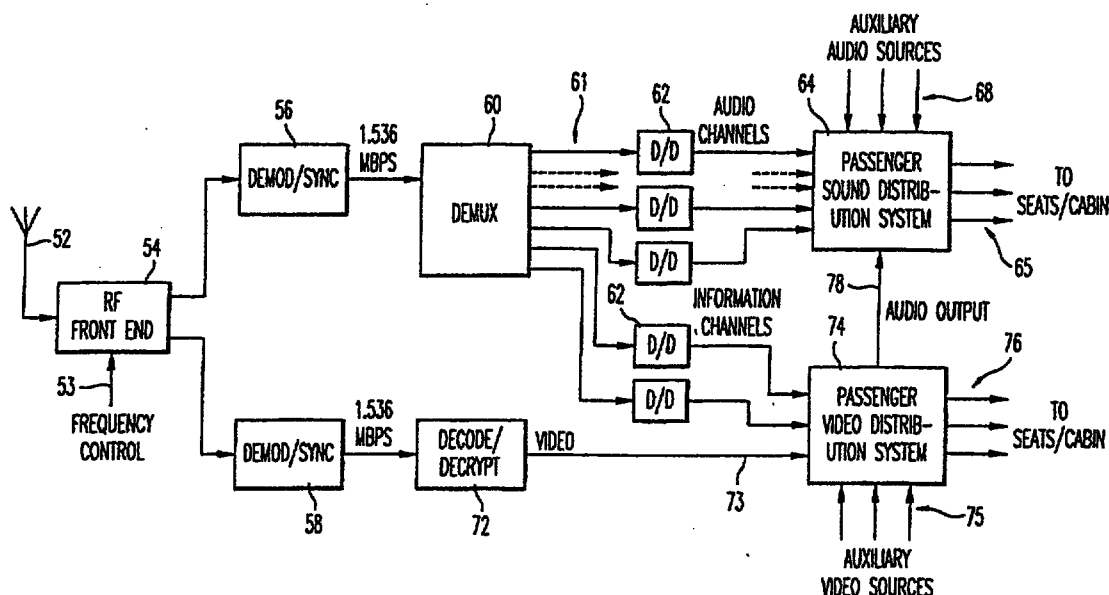
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(54) Title: REAL-TIME INFORMATION DELIVERY SYSTEM FOR AIRCRAFT ✓



(57) Abstract

A satellite-based digital broadcast system is used to provide real-time news, entertainment and informational programs to aircraft passengers in flight. Transmissions from the satellite occur on a time division multiplex (TDM) downlink with different broadcast programs being transmitted on different TDM channels. A broadcast receiver is carried on board the aircraft, and includes a demultiplexer (60) for demultiplexing the TDM channels to reproduce the original broadcast programs. The broadcast receiver may be adapted to receive and reproduce both audio (64) and video (76) broadcast, as well as to provide other types of information delivery services. Encryption (72) of the broadcast programs may be used to restrict their use to a specific aircraft or airline company.