ABSTRACT

METHOD AND APPARATUS FOR LOADABLE SOFTWARE AIRPLANE PARTS (LSAP) DISTRIBUTION

A computer implemented method and apparatus for managing software aircraft parts. A software aircraft part management apparatus comprises a library, a receiving module, a proxy server, an onboard electronic distribution system on an aircraft, and a portable software maintenance tool. The library on the ground data processing system stores and manages software aircraft parts for aircraft. The receiving module is capable of receiving the software aircraft parts from suppliers and sending the software aircraft parts to the library. The proxy server is in communication with the library and is capable of distributing software to a plurality of aircraft clients. The onboard electronic distribution system is an aircraft client and is capable of receiving software aircraft parts for the aircraft from the library through the proxy server. The portable software maintenance tool provides an alternate route to send the software aircraft part to the onboard electronic distribution system for the aircraft.

Fig. 1