

Electrical Grounding Plane

Abstract

An electrical assembly 600 comprising electrical raft 200 having electrical
conductors 252 embedded in a rigid material is provided. The electrical
assembly has an electrically conductive screen layer 260. The electrically
conductive screen layer 260 provides electromagnetic protection to the electrical
conductors 252. The electrically conductive screen layer is electrically connected
to a mounting fixture 700, which in turn may be electrically connected to an
apparatus on which the electrical assembly 600 may be mounted. The electrical
raft 200 is used to transport electrical signals (which may be, for example power
and/or control signals), for example around a gas turbine engine.

Fig. 3