

Method For Producing Metal Composite, And Chassis For Electronic Equipment

Abstract

A method for producing a metal composite, the composite comprising a metal material and a resin curing layer provided along the metal material, and being obtained by using heat and pressure to mold a preform. The preform includes a sheet-shaped base material containing a thermosetting resin, and a metal material arranged or layered so as to contact the sheet-shaped base material. The method for producing a metal composite comprises a first step for heating the sheet-shaped base material and semi-curing the thermosetting resin while the metal material in the preform arranged inside a mold is heated to a temperature exceeding 180 °C, and a second step for molding the preform heated in the first step into a composite using pressure, wherein the thermosetting resin is at least one type selected from the group consisting of epoxy resins, phenol resins, benzoxazine resins, and unsaturated polyester resins.

[Figure 1]