

ABSTRACT

A method for producing a joined body includes: forming a coating film between a joining target member and a second joining target member, wherein the coating film is formed from a paste containing copper particles, and then heating the coating film to sinter the copper particles to form a joining layer; wherein the copper particles have an average primary particle size of 0.06 μm or more and 1.0 μm or less, and include copper particles having an increase rate of the crystallite size, $(D2 - D1)/D1 \times 100$, of 5% or more, where D1 represents the crystallite size (nm) at 150°C and D2 represents the crystallite size (nm) at 250°C; and the coating film is held at a heating temperature of 150°C or more and 350°C or less for 45 minutes or less to sinter the copper particles.