

ABSTRACT

ALUMINA SINTERED BODY, METHOD FOR MANUFACTURING THE SAME, AND PART FOR SEMICONDUCTOR MANUFACTURING APPARATUS

An alumina sintered body comprising 0.01 to 1.0 mass% of one or more types selected from Ta, Nb, and V in terms of oxide thereof. The alumina sintered body may further comprise 0.01 to 1.0 mass% of Mg in terms of Mg oxide. It is particularly preferable that the alumina sintered body has an alumina purity of 99% or more. An alumina sintered body having low dielectric loss as compared with that in related art can therefore be produced at low cost.

Figure 1