

ABSTRACT

An object of the present invention is to provide a sputtering target material having excellent crack resistance and a method of producing the same, and the present invention provides a sputtering target material and a method of producing the same, wherein the sputtering target material is composed of an alloy consisting of: B; one or more rare earth elements; and the balance consisting of Co and/or Fe and unavoidable impurities, wherein the amount of B in the alloy is 15 at.% or more and 30 at.% or less, wherein the one or more rare earth elements are selected from the group consisting of Pr, Nd, Sm, Gd, Tb, Dy, and Ho, and wherein the total amount of the one or more rare earth elements in the alloy is 0.1 at.% or more and 10 at.% or less.

FIGURE 1