

Fe-Pt-BN-BASED SPUTTERING TARGET AND
METHOD FOR MANUFACTURING SAME

ABSTRACT

An object is to resolve the problem of particle generation in an Fe-Pt-BN-based sputtering target having a high relative density.

The Fe-Pt-BN-based sputtering target contains nonmagnetic components of BN and boron oxide or contains BN, boron oxide, and carbon (C) and has a relative density of 88% or more, an oxygen content of more than 4,000 wtppm and 10,000 wtppm or less, and a percentage of a water-soluble boron concentration (wt%) relative to a total boron concentration (wt%) obtained by a specific procedure of 1.0% or more.