

ABSTRACT

There is provided a metal removal method which can be implemented at a low cost. The metal removal method includes:
5 a reaction step of bringing a treatment gas containing a fluorine-containing interhalogen compound and a metal-containing material containing a metal element into contact with each other to generate metal fluoride which is a reaction product of the fluorine-containing interhalogen
10 compound and the metal element; and a volatilization step of heating the metal fluoride under an inert gas atmosphere or in a vacuum environment for volatilization. The metal element is at least one kind selected from the group consisting of iron, cobalt, nickel, selenium, molybdenum,
15 rhodium, palladium, tungsten, rhenium, iridium, and platinum.

FIG. 1