ABSTRACT OF THE DISCLOSURE

A control method of a metal powder manufacturing apparatus, the metal powder manufacturing apparatus including a crucible housed in a dissolving tank, a molten metal nozzle attached to a bottom surface of the crucible, a plurality of gas injecting nozzles arranged on a periphery of the molten metal nozzle within a spray tank, and an orifice portion disposed in an upstream portion of a flow passage in the molten metal nozzle, an inside diameter of the orifice portion being equal to or more than 0.8 mm and equal to or less than 3 mm, the control method including: making a pressure (Ps) of the spray tank higher than a total value of pressure (Ph) acting on an upper end of the molten metal nozzle and a pressure (Pm) of the dissolving tank when a melting raw material is molten within the crucible; and making the pressure (Ps) of the spray tank lower than the total value of the pressure (Ph) acting on the upper end of the molten metal nozzle and the pressure (Pm) of the dissolving tank when a molten metal within the crucible is made to flow down into the spray tank via the molten metal nozzle.

Figure 2