

ABSTRACT

The metal powder producing apparatus includes: a first gas jet nozzle that includes jet holes disposed in a bottom surface of a gas jet device so as to form first rings each, and jets gas against molten metal flowing down through the liquid nozzles; a second gas jet nozzle that includes jet holes disposed in the bottom surface of the gas jet device so as to form second rings each on an outer side of a corresponding one of the first rings, and jets gas to prevent scatter of metal particles; and a third gas jet nozzle that includes jet holes disposed in the bottom surface of the gas jet device so as to form a third ring on an outer side of the second gas jet nozzle, and jets gas against an inner wall surface of the spray chamber.