

ABSTRACT OF THE DISCLOSURE

A metal powder production apparatus is provided which can suppress decrease in the production efficiency of metal powder per one spray nozzle even if the number of spray nozzles each configured from a molten metal nozzle and a gas injection nozzle increases in a spray tank.

The metal powder production apparatus includes: a spray tank (4); and a plurality of spray nozzles (20A and 20B) each including a molten metal nozzle (11) that lets molten metal (8) flow down into the spray tank (4) and a gas injection nozzle (71) that injects gas from a plurality of injection holes (91) to the molten metal (8) flowing down from the molten metal nozzle (11). The sectional area A_1 [mm²] of the spray tank (4) has a value obtained by multiplying the number n (n is an integer equal to or greater than 2) of the spray nozzles (20) by a predetermined area value c_1 .

(Figure 1)