

BURNER FOR PRODUCING INORGANIC SPHERICAL PARTICLES

[ABSTRACT]

A burner for production of inorganic spheroidized particles according to the present invention includes a first raw material supply path (1A) through which a raw material powder is supplied together with a carrier gas; a fuel supply path (4A) disposed
5 around the outer circumference of the first raw material supply path (1A), through which a fuel gas is supplied; a primary oxygen supply path (5A) disposed around the outer circumference of the fuel supply path (4A), through which an oxygen-containing gas is supplied; a second raw material supply path (6A) disposed around the outer
circumference of the primary oxygen supply path (5A), through which a raw material
10 powder is supplied together with a carrier gas; and a secondary oxygen supply path (7A) disposed around the outer circumference of the second raw material supply path (6A), through which an oxygen-containing gas is supplied.

Fig. 1