ABSTRACT

Device for Preparing Multi-element Alloy Compound

A device for preparing a multi-element alloy compound includes a reactor, a low-temperature evaporation zone, a high-temperature synthesis zone, a sealing device and heating devices. The high-temperature synthesis zone and the low-temperature evaporation zone are respectively arranged at two ends of the reactor; the heating devices are arranged around the reactor at intervals and are configured to heat the reactor and form a temperature gradient; the reactor has an opening, and the sealing device is configured to be able to seal the opening.

FIG. 1