

abstract

A drying apparatus for powdered or granular material comprising a hopper body with an electric heater in its center, housing therein a heat conducting fin formed with plural compartment walls radially projected therefrom and a carrier gas communication path provided in the conducting fin, which has an upper introduction port and a lower exhaust port, both connected with a penetrating up and down path provided in the center of the heat conducting fin. The apparatus is constructed such that carrier gas externally introduced is fed into the hopper body. According to the apparatus, powdered or granular material is uniformly heated and dried and heating source for carrier gas is not necessary, thereby achieving improvement in energy efficiency and energy saving.