HIGH FREQUENCY REACTION TREATMENT DEVICE AND HIGH FREQUENCY REACTION TREATMENT SYSTEM

ABSTRACT

A high frequency reaction processing apparatus and a high frequency reaction processing system capable of reducing a loss of energy of an electromagnetic wave continuously returning to and passing through a propagation line in a loop are provided. A dielectric outer container 40, a covering conductor 43 made of a conductive material and kept at the same potential as ground potential of a high frequency waveguide to form a spatial region with an outer surface of the dielectric outer container 43, at least one high frequency wave coupling portion 42, and at least one dielectric inner container 41 are comprised.

[Figure 1A & Figure 1B]