

ABSTRACT

A discharge gas containing carbon nanotubes and discharged from a reactor unit (12) is led to a filter (26) through a discharge pipe (24). A blower (28) is disposed downstream from the filter (26). The blower (28) is used to suck the discharged gas in the discharged pipe (24). Thus, even when the filter has begun to clog, the pressure inside the discharge pipe on the side upstream from the filter is prevented from increasing.