

AIR-BLOWN CLEANING SYSTEM FOR PHOTOMASKS AND METHOD THEREOF

ABSTRACT

An air-blown cleaning system 100 for cleaning a photomask 10 includes an image capturing module 20, an identification and control module 30, and an air knife device 40. The image capturing module 20 captures an image of the photomask 10 and divided the image into a plurality of sections S for the identification and control module 30 to identify particular sections S with contaminants for subsequent cleaning and to store such data into a database D. The air knife device 40 includes at least one air knife module 42 which receives data from the database D and controls the air knife module 42 to air blow the particular sections S with contaminants. The instant disclosure also includes a method of air blow cleaning for cleaning a photomask.

Figure 1