

ABSTRACT

EXPOSURE APPARATUS, EXPOSURE METHOD, AND DEVICE

5

MANUFACTURING METHOD

An exposure apparatus exposes an object with exposure light. The exposure apparatus includes: a moving body which holds the object and is movable in a predetermined plane, and in which a scale member including a grating is disposed; a measurement system which measures positional information of the moving body in the predetermined plane using the scale member; a detection system which detects information regarding foreign matter on a surface of the scale member and the size of the foreign matter; and a cleaning apparatus which can clean the scale member. A cleaning operation is performed on the scale member according to a detection result of the detection system.

Fig. 1