Abstract

The present invention provides a coating apparatus which can form a stable photochromic coating film. In the invention, a centering device, a lens height measuring device, a primer fluid applicator device, a primer spinning device, a drying device, a photochromic fluid applicator device, a photochromic spinning device, a UV device and a lens transport means comprising a pair of handling devices are provided to a coating apparatus. In the coating apparatus, it is possible to produce many photochromic lenses more efficiently by arranging devices and the lens transport means in such a manner that lens support portions of the centering device, the lens height measuring device, the primer spinning device, and the lens drying device are disposed inside the track of one handling device of the lens transport means, lens support portions of the UV device are disposed inside the track of the other handling device of the lens transport means, and the lens support portion of the photochromic spinning device is disposed inside both of the tracks.