OPTICAL PICKUP, AND OPTICAL DISC PLAYER

ABSTRACT OF THE DISCLOSURE

An optical pickup, and an optical disc player incorporating the same, are disclosed which are capable of an easy and good adjustment of the objective lens skew, compact in the optical-axial direction of the objective lens, and having a reducible light-projected area in a plane perpendicular to the optical axis.

The optical pickup comprises a light source to emit a light beam; a frame having provided therein photodetectors upon which incoming light beam is incident; an objective lens; an objective lens driving mechanism to support the objective lens movably in a direction parallel to the optical axis of the objective lens; and a support plate installed on the frame to fix the objective lens driving mechanism; the objective lens driving mechanism support plate being mounted on the frame with a spherical adjusting mechanism provided between them, the spherical adjusting mechanism being located at the lateral sides of the objective lens supported by the objecting lens driving mechanism, the support plate for the objective lens driving mechanism being mounted on the frame by means of the spherical adjusting mechanism, the support plate being fixed after adjusted in position and/or angle along the spherical adjusting mechanism.

Figure 8