MAGNETO-OPTICAL PICK-UP WITH OPTICAL MODULE

ABSTRACT OF THE DISCLOSURE

A magneto-optical pick-up for recording and reproducing information to an information recording medium comprises an optical module comprising an integral light emitting element and receptor element having plural light reception areas, and a diffraction grating on the light incident/emission plane, an objective lens, a polarizing prism provided integrally to the optical module in the light path between the light-emitting element and an objective lens and having the reflectivity and transmittance differing for P-polarized and S-polarized lights, and an analyzer provided internally or integrally to the optical module which divides the light reflected by or passed through the polarizing prism into light having at least two mutually-perpendicular polarization components to guide the divided lights to the receptor element.

Figure 1.